

---

## Site Assessment Report

---

# *URI / South County Bike Path Connector*

South Kingstown,  
Rhode Island

---

Prepared for Rhode Island Department of Transportation

Prepared by **VHB/Vanasse Hangen Brustlin, Inc.**  
Transportation, Land Development, Environmental Services  
54 Tuttle Place  
Middletown, CT 06457  
860 632-1500

April 10, 2006

# *URI / South County Bike Path Connector*

South Kingstown,  
Rhode Island

---

Prepared for Rhode Island Department of Transportation

Prepared by **VHB/Vanasse Hangen Brustlin, Inc.**  
Transportation, Land Development, Environmental Services  
54 Tuttle Place  
Middletown, CT 06457  
860 632-1500

February 4, 2004

# Table of Contents

<b>Table of Contents.....</b>	<b>ii</b>
<b>Executive Summary/Introduction.....</b>	<b>1</b>
<b>Alternative Analysis.....</b>	<b>6</b>
Alternative 1 – Route 138 .....	6
Alternative 2 – Plains Road .....	8
Alternative 3 – Peckham Farm .....	9
Alternative 4 – Potter Memorial Wood.....	11
<b>Summary .....</b>	<b>13</b>

## List of Figures

Figure 1: Site Location Map.....	2
Figure 2: Bike Path Alternatives .....	5

## List of Tables

Table 1: Alternative Matrix .....	15
-----------------------------------	----

## Appendices

Appendix A – Bike Path Mapping	
Appendix B – Constraint Mapping	
Appendix C – Parcel Information (updated April 1999)	
Appendix D – Existing Bike Path	
Appendix E – Preliminary Cost Estimate	

## 1

## Executive Summary/Introduction

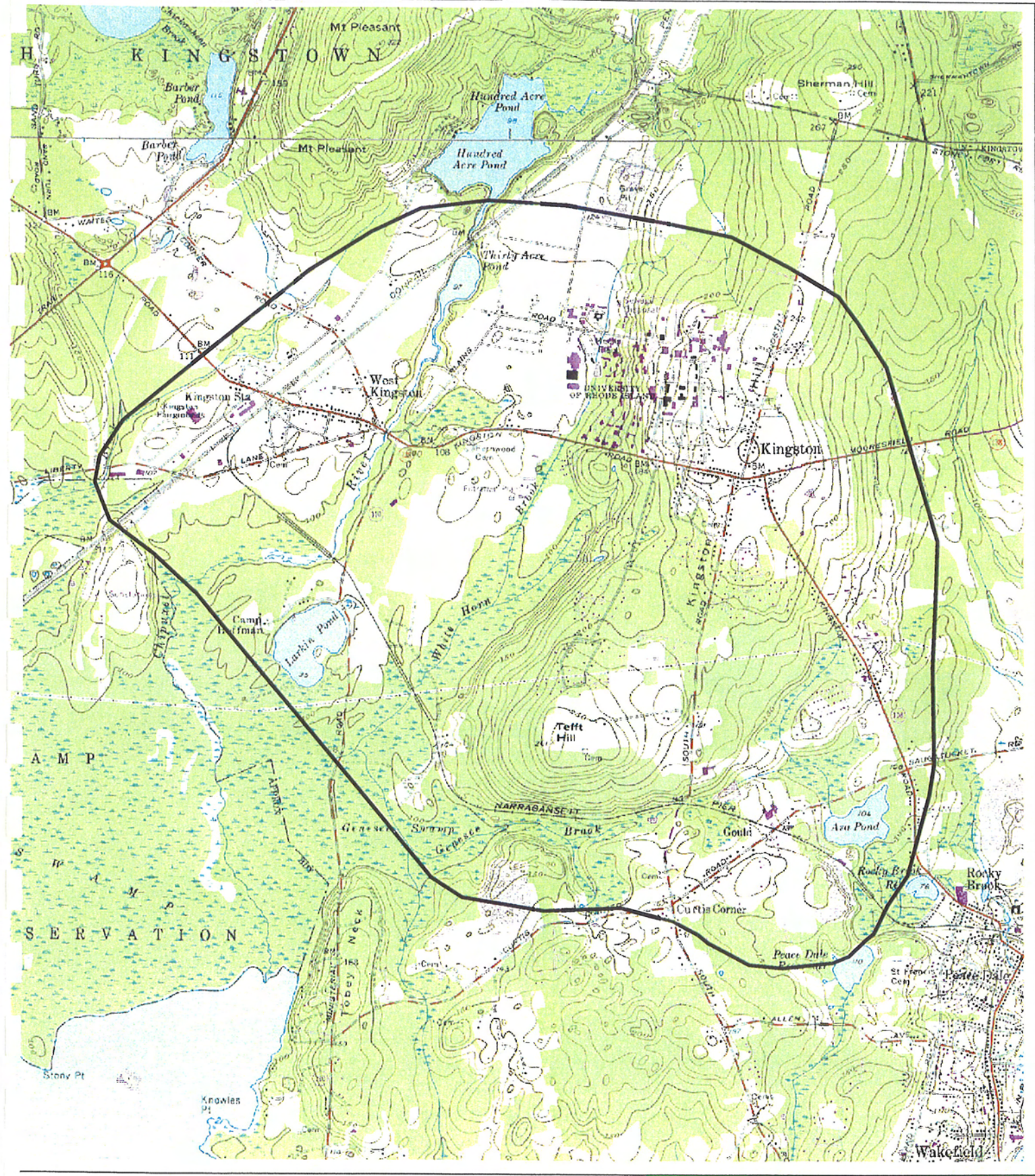
The Town of South Kingstown initiated the *URI / South County Bike Path Connector project* by applying for the fiscal year 2001-2002 Transportation Improvement Program (TIP) funding for a bicycle path spur. The proposed purpose of the bicycle spur was to connect the University of Rhode Island (URI) campus with the South County Bicycle Path via various attractions; such as, population centers, public transportation, and open spaces. This application was approved by the Transportation Advisory Committee and is included under the Study and Development category of the FY 2001-2002 TIP. Subsequently, Vanasse Hangen Brustlin, Inc. has been retained by the Rhode Island Department of Transportation to conduct this project by exploring four potential bike path alignments in Washington County, Rhode Island to meet the defined purpose of the study. The goal of this investigation is to identify the best alternative that meets the multi-modal needs of the Town of South Kingstown and the University of Rhode Island. In addition, connectivity between URI, Wakefield, Kingston Railroad Station, and the South County Bike Path will be a key consideration in the identification of a preferred alternative. The project area, shown in **Figure 1**, is generally bound by URI to the north, Amtrak rail lines to the west, the South County Bike Path to the south, Route 108 to the east, and is bisected by Route 138.

To further demonstrate the demand for increased bicycle opportunities in this area the Town of South Kingstown as well as the University of Rhode Island have been focusing on increasing usage of alternative means of transportation through various initiatives. A current example is the URIDE program through the URI Sustainable Communities Initiative. The URIDE program actively encourages bicycling throughout the URI campus by providing “community bicycles” at hub locations throughout campus for the free use by students, faculty, staff, and the general public<sup>1</sup>. This program encourages bicycling throughout the campus and in the surrounding communities, as a viable mode of transportation. As this program continues to grow it is expected the URI community will see an increase in bicycling and confirm the need for improved connectivity between campus, populations centers, and area attractions.



<sup>1</sup> URI Sustainable Communities Initiative website available at [www.uri.edu/sustainability/uride.html](http://www.uri.edu/sustainability/uride.html)





Source: U.S.G.S Quadrangle Branford Kingston, RI. (1975)

Vanasse Hangen Brustlin, Inc.  
**Figure 1**  
**Site Location Map**  
**URI / South County Bike Path Connector**  
**South Kingstown, Rhode Island**





In addition to the URIDE program, the University of Rhode Island Transportation Center in conjunction with the Rhode Island Department of Transportation has completed a research project titled “Bicycle Transportation User Survey Developing Intermodal Connections for the 21st Century”. The purpose of this research project is to develop, analyze and disseminate a comprehensive bicycle user survey that will provide key insights into the factors that encourage and/or discourage bicycle use as an alternative travel mode in the State of Rhode Island. The recommendations of this study, should be incorporated into the final design of the proposed multi-use path to ensure specific user preferences are considered in the projects approach. To view the results of this survey, visit URITC's web site at <http://www.uritc.uri.edu>.

The following four alternatives, shown on *Figure 2* and on the plan set attached as Appendix A, have been identified by the Rhode Island Department of Transportation and are supported within the Comprehensive Transportation Study<sup>2</sup> as alignments that may further support the multi-modal needs of the Town, University and surrounding region.

**Alternative 1** – Route 138: Accommodate on-road bicycle travel and adjacent sidewalk for pedestrians within the Route 138 corridor from Kingston Station to Old North Road.

**Alternative 2** – Plains Road: A *Shared Use Path* from the northwest corner of the URI campus along Plains Road to the west and southwest, then leaving Plains Road in a westerly direction crossing over the Chipuxet River on a new structure through the Waites Corner Road neighborhood and ultimately to Kingston Station.

**Alternative 3** – Peckham Farm: A *Shared Use Path* from the Keaney Parking area across Route 138 southerly along the perimeter of Peckham Farm and the existing wetland edge then turning westerly and crossing other URI property to a connection with the South County Bike Path.

**Alternative 4** – Potter Memorial Wood: A *Shared Use Path* from the Keaney Parking area crossing Route 138 and traveling the eastern limit of the University Village Apartments ultimately joining Ledgewood Road as an *on-road path* continuing south on Biscuit City Road. The alignment then turns southeasterly as a *shared use path* through Potter Memorial Wood, crossing South Road and continuing southeasterly through the Town of South Kingstown Playfields, Junior High School and connecting to the South County Bike Path.

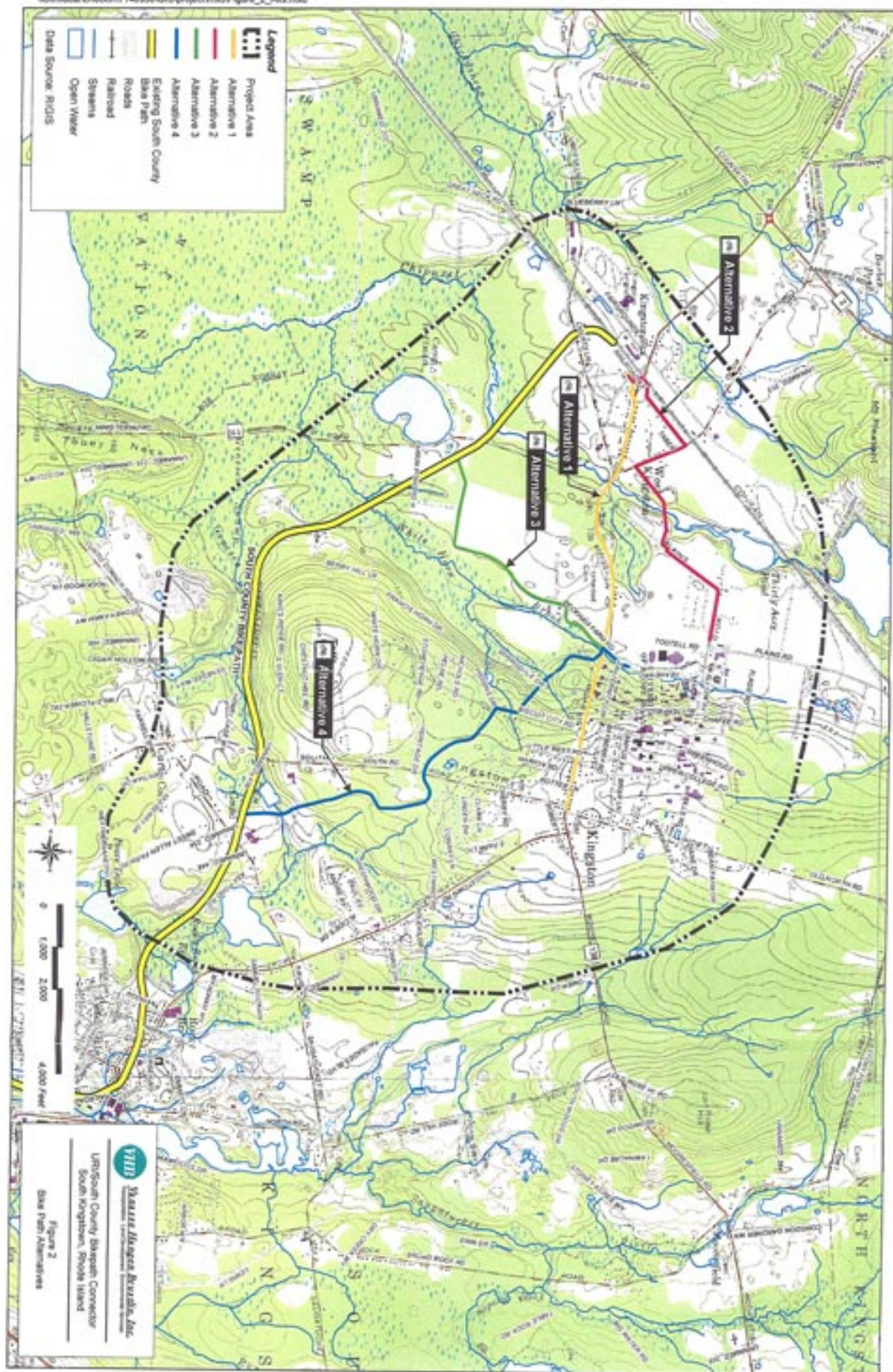
The objective of the preferred alignment will be to serve both recreational users and commuters to and from URI, Wakefield, Kingston Station, and other population and



<sup>2</sup> Route 138 Comprehensive Transportation Study; BETA Group; 2000

activity centers. Additionally, the selected bike path should support the South Kingstown's Greenways Master Plan, dated July 9, 2001.

The purpose of this report is to document the proposed alignments, identify advantages and disadvantages of each then summarize, in matrix format, the findings. This information is intended to be used to identify preferred alignments. For this project to advance beyond the study and development phase, extensive coordination and support from the Town of South Kingstown will be required.





## 2

## Alternative Analysis

Chapter 2 describes each alternative and highlights path attributes and design issues. In addition, mapping for each alternative identifies regional population density, land use, open space, protected properties, historic properties, and environmental impacts are presented in the appendix.

---

### Alternative 1 – Route 138

RIDOT is currently in the conceptual development stage for a major improvement along the Route 138 corridor between Route 2 and Route 138 (see Appendix A sheet 2 of 5).

The design improvements are intended to reflect the surrounding historic and academic character of the corridor, as shown in *Figure 3*. As such, major pedestrian improvements, on-road bicycle accommodations, and traffic calming measures are currently proposed.



**Figure 3. Kingston Historic District**

Within the study area for the URI / South County Bike Path Connector the proposed improvements include roadway widening and pedestrian access improvements. The proposed roadway varies in cross section, however, eleven foot lanes and four foot minimum shoulders are provided west of Upper College Road to Kingston Station which will adequately accommodate bicyclists.

In addition to accommodating bicyclists, pedestrians are well accommodated for in the Route 138 Conceptual Design. Currently there are sidewalks on the north and south side of Route 138 in Kingstown Village Historic District. The conceptual plans show the northern sidewalk continuing along the URI campus to the Keaney Parking Lot. At this point the existing crosswalk is updated and utilized to traverse Route 138 and connect pedestrians with another proposed five foot sidewalk which

continues west to Watson Road. At this point, five foot sidewalks are once again proposed on both sides of the roadway continuing to Kingston Station.

It is anticipated that the combination of proposed roadway widening and new sidewalks will more than adequately support walking and bicycling within the Route 138 corridor between the Kingstown Village Historic District and Kingston Station.

The following highlights key trail attributes and opportunities as well as identifies design issues for this alternative.

#### Path Attributes

- ™ Connection of the following attractions:
  - ™ Kingstown Village Historic District.
  - ™ Keaney Parking Lot.
  - ™ Taylor's Landing boat launch.
  - ™ URI central campus residential areas.
  - ™ URI Shuttle bus stop.
  - ™ Kingston Station.
  - ™ Ministerial Road National Register District.
  - ™ South County Center for the Arts.
- ™ Minimal impact to rare and endangered species habitat.
- ™ Minimal wetland impacts.
- ™ Supports surrounding historical and academic character.
- ™ Minimum right-of-way impacts.

#### Design Issues

- ™ Does not provide a separated shared use path.
- ™ Route 138 carries 15,000 to 20,000 ADT.
- ™ Intersection crossings:
  - ™ Upper College Road.
  - ™ Lower College Road.
  - ™ Route 110 / Ministerial Road / Plains Road.
  - ™ Waites Corner Road.
  - ™ Liberty Lane.
  - ™ Watson Road.
  - ™ Numerous driveway and minor intersection crossings.
- ™ Potential impact to adjacent historic cemetery.

## Alternative 2 – Plains Road

The Plains Road alternative directly connects the northwest corner of the URI campus (Ryan Center Area) with Kingston Station (see Appendix A sheet 3 of 5).

The proposed alignment is a ten foot *shared use path* which begins adjacent to the Ryan Center on the southern side of Plains Road. This Alignment progresses westerly along the southern and eastern sides of Plains Road for approximately half a mile. Just north of the URI's Safety and Risk Management building the path crosses Plains Road at a proposed mid-block crossing. The *shared use path* then deviates from the roadway and progresses towards the Chepuxet River following the northern limit of an existing turf plot owned by the Wakefield Water Co.



**Figure 4. Chepuxet River Crossing.**

As shown in *Figure 4*, a significant bridge structure (approximately 200 feet) will be required to cross the Chepuxet River and wetlands. The *shared use path* continues southwest minimizing wetland impacts and following the southern limits of an existing privately owned turf plot to Waites Corner Road. At Waites Corner Road the *shared use path* transitions to the roadway system as a *signed-shared roadway* following Waites Corner Road north to Frank Avenue to Fairgrounds Road to the path's terminus at Kingston Station. These local roadways are considered low volume / low speed roadways.

The following highlights key trail attributes and opportunities as well as identifies design issues.

### Path Attributes

- ™ Connection of the following attractions:
  - ™ Northwest URI campus.
  - ™ Kingston Station.
  - ™ Waites Corner Road neighborhood.
- ™ Limited number of affected property owners.

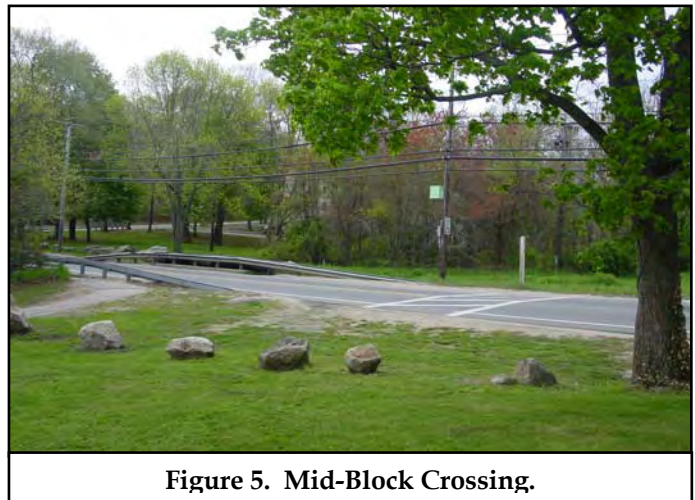
### Design issues

- ™ Bicycle facility consists of a mix of shared roadways and shared use paths.
- ™ Midblock crossing of Plains Road.
- ™ 40 mph operating speeds observed on Plains Road.
- ™ Crossing of Chepuxet River requires a major bridge structure.
- ™ Path meanders through local low volume low speed roadways to its western terminus at Kingston Station.
- ™ Significant wetland impacts.
- ™ Path is very circuitous.
- ™ URI track facility fencing to be removed and replaced to accommodate bike path.
- ™ Potential impact to rare and endangered species habitat.

---

## Alternative 3 – Peckham Farm

The Peckham Farm alternative begins at the northeast corner of the Keaney Parking Lot providing direct access to URI and the campus shuttle system as well as providing parking for path users (see Appendix A sheet 4 of 5). The proposed alignment begins as a *shared use path* at the eastern limits of Keaney



**Figure 5. Mid-Block Crossing.**

Lot and crosses Route 138 at an existing mid-block crossing, shown in *Figure 5*. The alignment continues south adjacent to Peckham Farm Road for approximately 800 feet at which point the path joins Peckham Farm Road due to wetland and open water constraints. This *shared roadway* segment, approximately 700 feet in length, will require the path to be shared occasionally with farm equipment. Once through the wetlands and open water constraints the alignment will continue on the western and southern limits of the existing Peckham Farm turf plots. In order to minimize potential impacts to Peckham Farm, the alignment is proposed to traverse along the woodland edge of the property, thus avoiding existing turf plots. In fact, the proposed alignment could potentially be used by farming equipment for improved access to various farming areas.

At the southwest property boundary of Peckham Farm the alignment turns westerly, avoiding wetlands, and terminates at the existing South County Bike Path. From this point users can access Wakefield to the east and Kingstown Station to the west via the existing South County Bike Path.



The following highlights key trail attributes and opportunities as well as identifies design issues.

#### Path Attributes

- ™ All shared use path.
- ™ Connection of the following attractions:
  - ™ URI central campus and residential areas.
  - ™ URI Shuttle bus.
  - ™ URI Village Apartments.
  - ™ South County Bike Path (Kingston Station to Wakefield).
- ™ The majority of the alignment is within public lands.
- ™ One roadway crossing at an existing pedestrian crossing.
- ™ Minimal wetland impacts.
- ™ Direct connection from URI to the existing bicycle path.

#### Design Issues

- ™ Path crosses Route 138.
  - ™ Route 138 carries 15,000 to 20,000 ADT.
- ™ A portion of the path must be shared with farm equipment to minimize wetland/open water impacts.
- ™ Path requires one culvert approximately 24" in diameter.
- ™ Potential impact to rare wildlife and endangered species habitat.
- ™ Minimal impact to wetlands.
- ™ Security issues along turf plots.

## Alternative 4 – Potter Woods

Similar to the Peckham Farm alternative this alignment begins at the northeast corner of the Keaney Parking Lot providing direct access to URI and the campus shuttle system, as well as providing parking for path users (see Appendix A sheet 5 of 5). This alignment follows the eastern limits of Keaney Lot south to an existing mid-block crossing of Route 138. The alignment remains a *shared use path* traveling east along the south side of Route 138 crossing White Horn Brook via a new 15' long structure parallel to the existing Route 138 Bridge. The alignment continues on the south side of Route 138 and enters the University Village Apartments property along the eastern side of Grad Circle<sup>3</sup>. The *shared use path* continues to the east proceeding toward Ledgewood Road. To minimize the impacts on the wetlands west of Ledgewood Road, a timber boardwalk supported on timber piles is proposed. The timber boardwalk will provide a 12 foot wide bike path and be approximately 300 feet long.



**Figure 6. Path Through Potter Memorial Wood**

The alignment continues as a *signed-shared roadway* on Ledgewood Road, a low volume residential roadway with a 8-10% grade. The alignment continues south on Biscuit City Road, another low volume / low speed roadway to the existing entrance to Potter Memorial Wood, shown in *Figure 6*. To better accommodate pedestrians on this segment of the alignment, upgrading existing sidewalks along Biscuit City Road is recommended. To facilitate the addition of sidewalks, right-of-way acquisition may be required.

The alignment continues as a *shared use path* following an existing trail through Potter Memorial Wood to South Road.

1

3 An alternative alignment utilizing Peckham Farm Road has also been explored and would require additional structures and will less effectively connect with the University Village Apartments.

The *shared use path* then crosses South Road and enters two new subdivisions via established easement / right-of-way acquired by the town as part of the sub-division approval process. The path continues to the south connecting to the existing bike path system surrounding the South Kingstown Athletic Fields and continues to the South County Bike Path just east of the Jr. High School.

The following highlights key trail attributes and opportunities as well as identifies design issues.

#### Trail Attributes

- ™ Connection of the following attractions:
  - ™ URI central campus and residential areas.
  - ™ URI shuttle bus.
  - ™ URI University Village Apartments.
  - ™ “The Woodlands” residential development.
  - ™ “Potters Farm” residential development.
  - ™ South Kingstown Athletic Fields and existing bike/pedestrian paths.
  - ™ South Kingstown Elementary School.
  - ™ South Kingstown Jr. High School.
  - ™ Potter Memorial Wood.
  - ™ Solomon Carpenter House.
- ™ Proposed path crosses utility corridor which can provide future path connectivity.
- ™ Minimal wetland impact.
- ™ Minimal potential impact on rare wildlife and endangered species habitat.
- ™ Compatible with the Town of South Kingstown’s comprehensive plan and is the preferred alignment submitted by the Town to RIDOT for funding.
- ™ Some easements are already in place.
- ™ Creates a spine bicycle route system through the population centers of South Kingstown.

#### Design issues

- ™ Mix of on-road and off-road bicycle facility.
- ™ White Horn Brook crossing along Route 138.
- ™ Timber boardwalk crossing of wetlands.
- ™ Path through Potter Wood Memorial at South Road will require modifications to entrance involving relocating small section of stone wall.
- ™ Intersection crossings:
  - ™ Route 138.
  - ™ Grad Circle.
  - ™ Biscuit City Road.
  - ™ South Road.
  - ™ Springdale Drive.

# 3

## Summary

Trail attributes and opportunities as well as design issues as described in previous sections have been summarized in matrix format and presented in *Table 1*. This table describes the alignments, presents an order of magnitude cost estimate, identifies potential environmental impacts, lists safety concerns and lists major attractions serviced by each alignment. Additionally, maps are provided for each alternative in the Appendix which show regional population density, land use, open space, protected properties, historic properties, and environmental impacts.

Based on the attributes, opportunities, and issues outlined in *Table 1*, Alternatives 3 and 4 appear to be the most desirable based on the following points:

### **Alternative 3 – Peckham Farm**

- ™ Most direct connection from URI to the existing bicycle path.
- ™ Good connectivity to Kingston Station.
- ™ Entire alignment consists of a shared use path.
- ™ The majority of the alignment is within public lands.
- ™ One roadway crossing.
- ™ Least expensive alternative.

### **Alternative 4 – Potter Woods**

- ™ Compatible with the Town of South Kingstown’s comprehensive plan and is the preferred alignment submitted by the Town to RIDOT for funding.
- ™ Provides the most connections to neighborhoods, schools, existing parks, open spaces, and other attractions.
- ™ Provides most direct connection to Wakefield.
- ™ Some easements are already in place.
- ™ Creates a spine bicycle route system through the population centers of South Kingstown.

It should be noted that the development of both alternative 3 and 4 would potentially create a very successful “loop” bicycle facility connecting to many of the area attractions.

Conversely, alternatives 1 and 2, appear to be the least desirable alternatives. The Route 138 Improvement Project more than sufficiently addresses pedestrian and bicycling needs within the Route 138 corridor. This project will further support an overall bicycling and walking environment in and around Historic Kingstown Village and URI and negates the need to further explore Alternative 1.

Finally, Alternative 2 provides the least amount of connectivity to surrounding attractions/ population centers and would require a very significant bridge structure making this one of the most expensive alternatives. This alternative also provides little added benefit over the no-build scenario utilizing an on-road alternative traversing along surface streets.

Table 1. Alternative Matrix.

	General Information	Attractions	Environmental Impacts	Risk/Ry	Cost*
Alternative 1 Route 130	<ul style="list-style-type: none"> <li>2.1 miles long</li> <li>Connectivity to Kingsdon Station - High</li> <li>Connectivity to Wakefield - Low</li> <li>Recreational connectivity - Low</li> </ul>	<ul style="list-style-type: none"> <li>Historic Kingsdon Village</li> <li>UBI central campus and residential areas</li> <li>UBI Shute bus</li> <li>Connects to Ministerial Road National Regional District</li> <li>Taylor's Landing boat launch</li> <li>Kingsdon Station</li> </ul>	<ul style="list-style-type: none"> <li>Wetlands - Minimal</li> <li>2 river crossing/ bridge widening</li> </ul>	<ul style="list-style-type: none"> <li>Roadway Crossings - 15</li> <li>Shared Use Path - 0%</li> </ul>	<ul style="list-style-type: none"> <li>Total Cost - TBD</li> <li>Structure TBD</li> <li>Rights-of-Way - ± 0.11 Acre</li> <li>Number of Properties Impacted - 7, including</li> <li>o Majority of project within State Highway R.O.W.</li> <li>o UBI</li> </ul>
Alternative 2 Pine Road	<ul style="list-style-type: none"> <li>1.6 miles long</li> <li>Connectivity to Kingsdon Station - High</li> <li>Connectivity to Wakefield - Low</li> <li>Recreational connectivity - Low</li> </ul>	<ul style="list-style-type: none"> <li>Nearest UBI campus - Kingsdon Station</li> </ul>	<ul style="list-style-type: none"> <li>Wetlands - ±50 LF</li> <li>1 River Crossing</li> </ul>	<ul style="list-style-type: none"> <li>Roadway Crossings - 7</li> <li>Shared Use Path - 75%</li> </ul>	<ul style="list-style-type: none"> <li>Total Cost - \$2,500,000</li> <li>Structure \$1,000,000</li> <li>Rights-of-Way - ± 2.07 Acres</li> <li>Number of Properties Impacted - 4, including</li> <li>o UBI</li> <li>o Wakefield Water Co.</li> <li>o Private Owners</li> </ul>
Alternative 3 Prochem Farm	<ul style="list-style-type: none"> <li>1.4 miles long</li> <li>Connectivity to Kingsdon Station - Moderate</li> <li>Connectivity to Wakefield - Moderate</li> <li>Recreational connectivity - Moderate</li> </ul>	<ul style="list-style-type: none"> <li>UBI Central campus and residential areas</li> <li>UBI Shute bus</li> <li>South County Blue Path</li> <li>UBI University Village Apartments</li> </ul>	<ul style="list-style-type: none"> <li>Wetlands - Minimal</li> <li>1 open water crossing via culvert</li> </ul>	<ul style="list-style-type: none"> <li>Roadway Crossings - 1</li> <li>Shared Use Path - 100%</li> </ul>	<ul style="list-style-type: none"> <li>Total Cost - \$800,000</li> <li>Culvert - \$24,000</li> <li>Rights-of-Way - ± 4.10 Acres</li> <li>Number of Properties Impacted - 3, including</li> <li>o UBI</li> <li>o RI Dept of DEM Property</li> <li>o Private Owners</li> </ul>
Alternative 4 Parker Woods	<ul style="list-style-type: none"> <li>2.2 miles long</li> <li>Connectivity to Kingsdon Station - Low</li> <li>Connectivity to Wakefield - High</li> <li>Recreational connectivity - High</li> <li>A portion of Rights-of-way previously acquired for the alignment</li> <li>Compatible with S. Kingsdon's comprehensive plan</li> <li>Supported by the Town of South Kingsdon</li> <li>Supported by the University of Rhode Island</li> </ul>	<ul style="list-style-type: none"> <li>UBI central campus and residential areas</li> <li>UBI Shute bus</li> <li>UBI University Village Apartments</li> <li>"The Woodlands" residential development</li> <li>Parker Memorial Wood recreational area</li> <li>"Parker Farm" residential Development</li> <li>Salemson Carpenter House</li> <li>South Kingsdon Athletic Fields and existing bike/pedestrian paths</li> <li>South Kingsdon Elementary School</li> <li>South Kingsdon Jr. High School</li> </ul>	<ul style="list-style-type: none"> <li>Wetlands - ±90 LF</li> <li>stream crossing via culvert</li> <li>wetland crossing via boardwalk</li> </ul>	<ul style="list-style-type: none"> <li>Roadway Crossings - 6</li> <li>Shared Use Path - 85%</li> </ul>	<ul style="list-style-type: none"> <li>Total Cost - \$1,600,000</li> <li>Structure \$62,000</li> <li>Boardwalk - \$191,000</li> <li>Rights-of-Way - ± 4.66 Acres</li> <li>Number of Properties Impacted - 14, including</li> <li>o UBI</li> <li>o State of RI Dept of DEM</li> <li>o South Kingsdon Land Trust</li> <li>o Kingsdon Improvement Assoc.</li> <li>o Town of South Kingsdon</li> <li>o Junior High and South Rd. Schools</li> <li>o Private Owners</li> </ul>

\*Costs do not include right of way.

---

# Appendix A

## Alternative Mapping

Sheet 1 of 5 .....Alternative Overview Plan

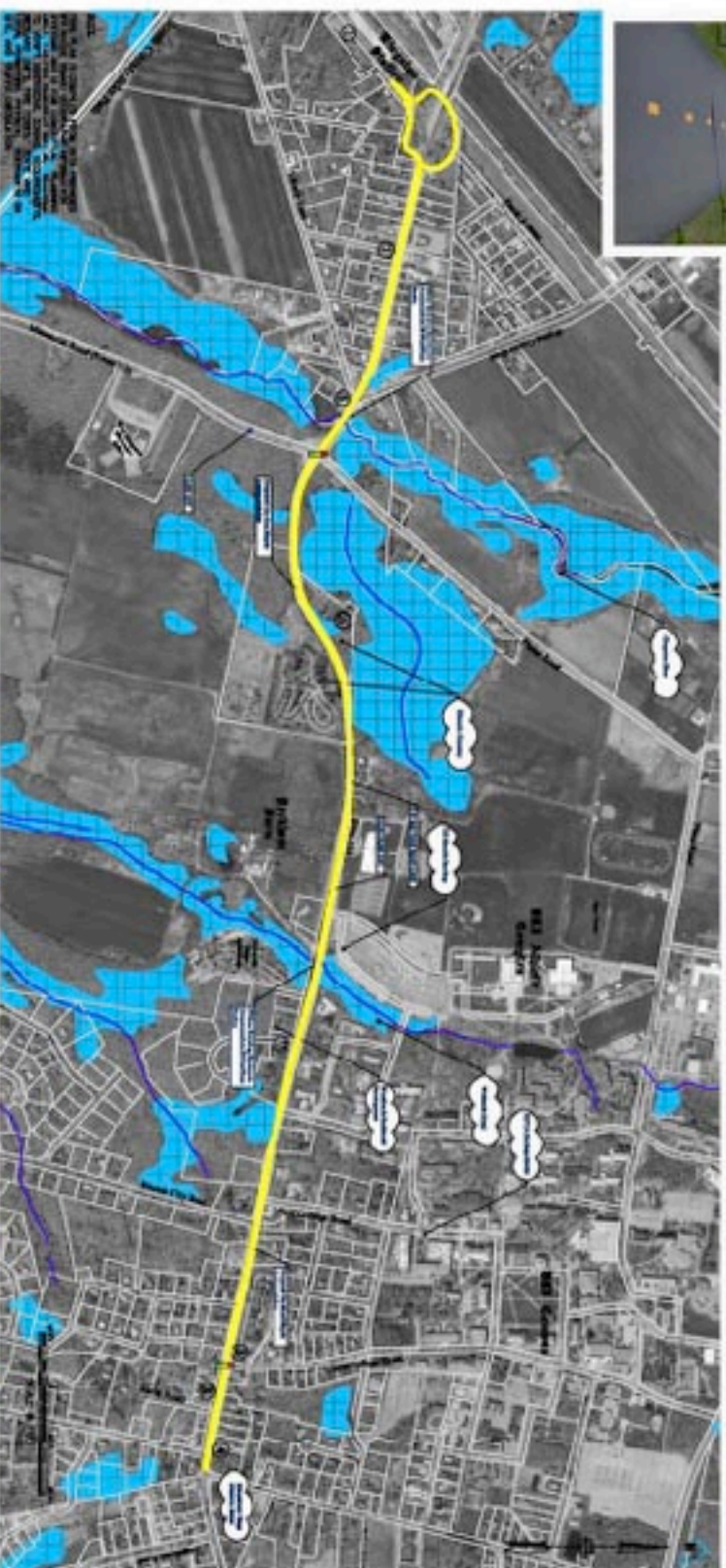
Sheet 2 of 5 .....Alternative 1 – Rotue 138

Sheet 3 of 5 ..... Alternative 2 – Plains Road

Sheet 4 of 5 .....Alternative 3 – Peckham Farm

Sheet 5 of 5 .....Alternative 4 – Potter Memorial Wood





**URI / South County Branch**

**Park Connector**

Address: 100 Park St  
Kingston, RI 02881



Photo 1 - Segmentation



Photo 2 - Original Road & Utility Alignment



Photo 3 - New Road

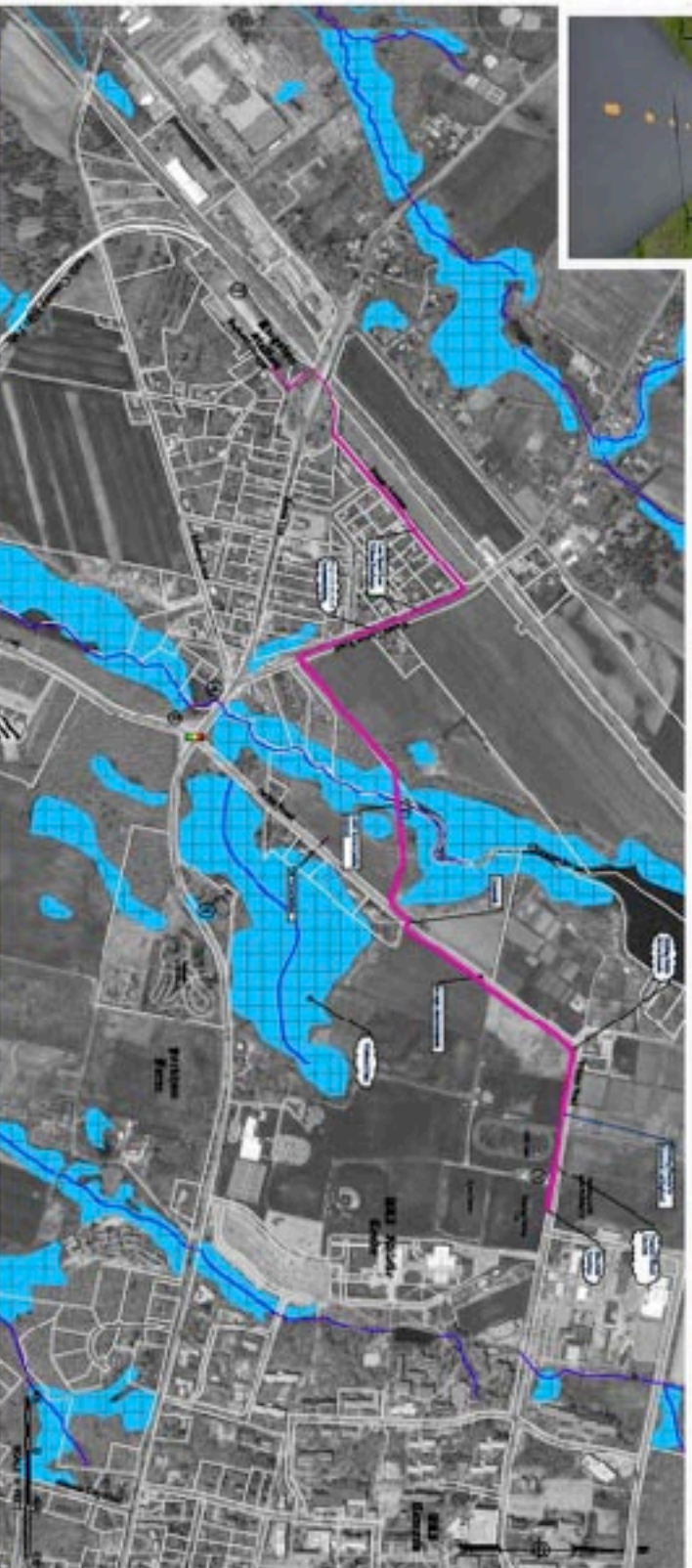
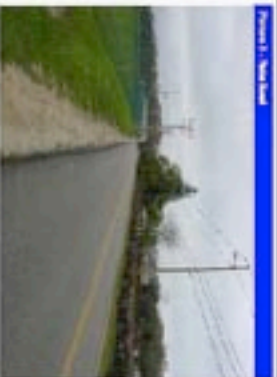


Photo 4 - Original Road



Photo 5 - Proposed Road (New) - 10' Right-of-Way



Photo 6 - New Road















---

# Appendix B

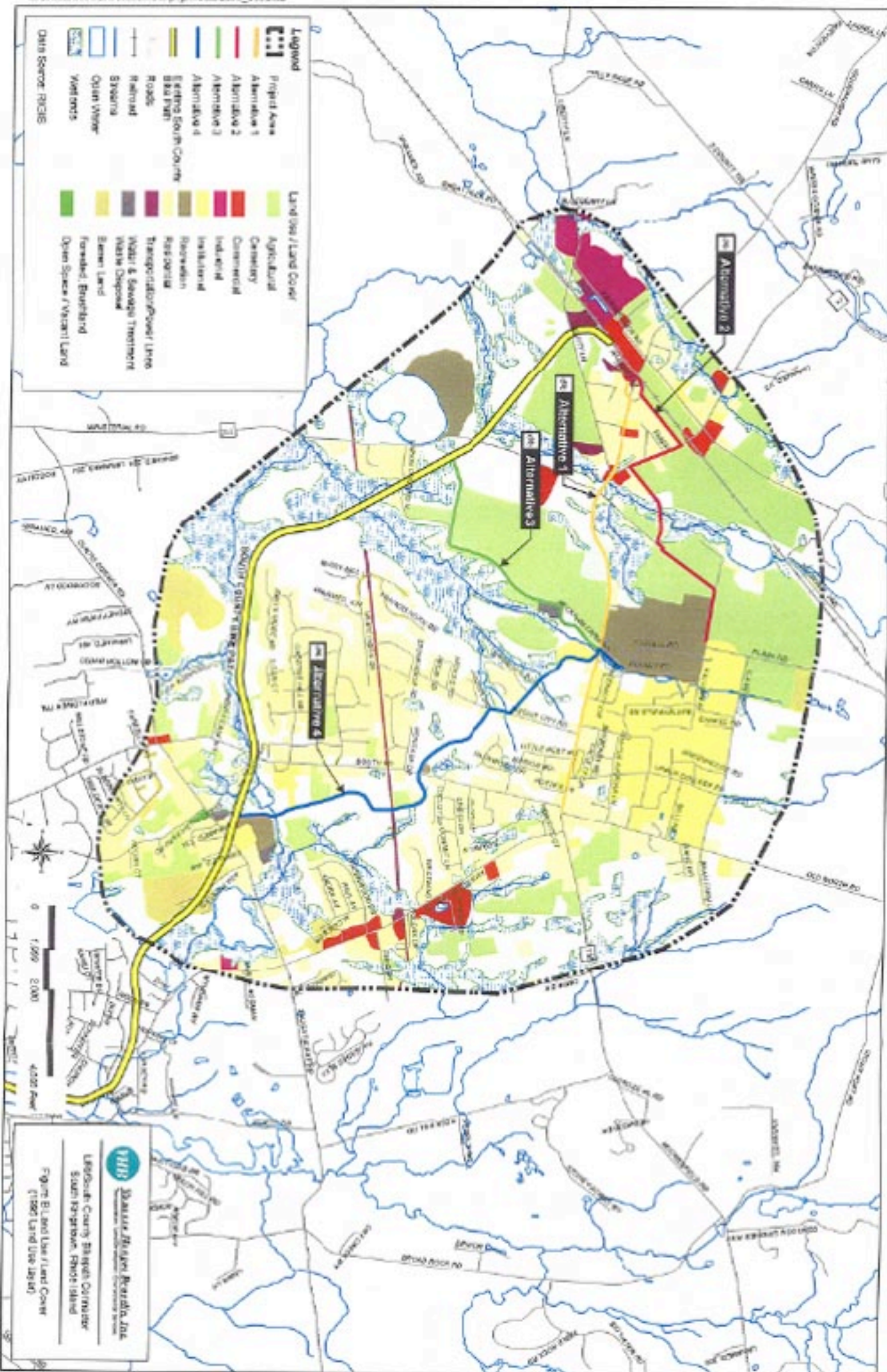
## Constraint Mapping

Figure A .....	Population Density
Figure B .....	Land Use / Land Cover
Figure C - Overview .....	Open Space, Conservation, and Protected Properties
Figure C - Alternative 1 ..	Open Space, Conservation, and Protected Properties
Figure C - Alternative 2 ..	Open Space, Conservation, and Protected Properties
Figure C - Alternative 3 ..	Open Space, Conservation, and Protected Properties
Figure C - Alternative 4 ..	Open Space, Conservation, and Protected Properties
Figure D - Overview .....	Environmental Impacts
Figure D - Alternative 1 .....	Environmental Impacts
Figure D - Alternative 2 .....	Environmental Impacts
Figure D - Alternative 3 .....	Environmental Impacts
Figure D - Alternative 4 .....	Environmental Impacts









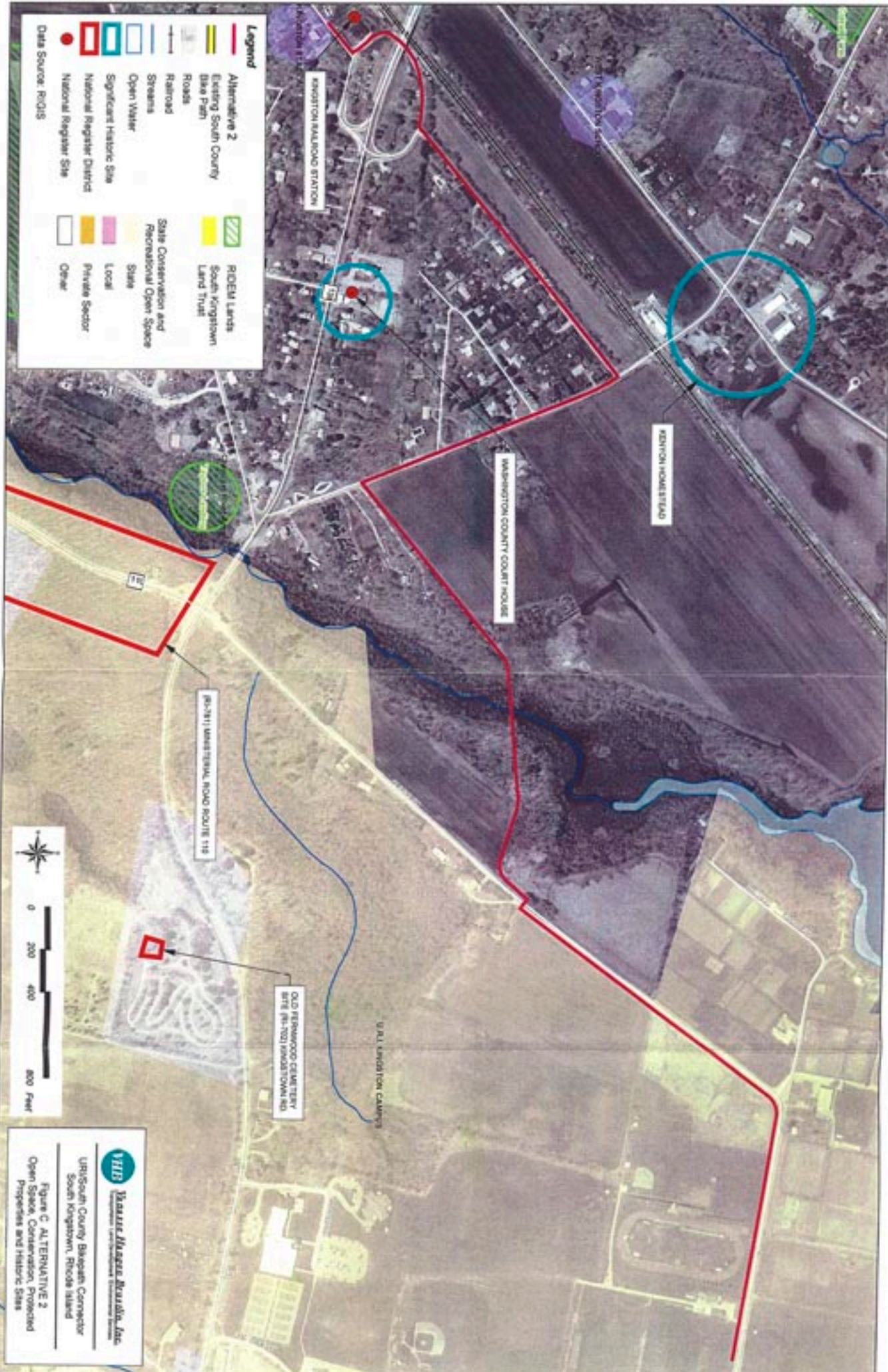




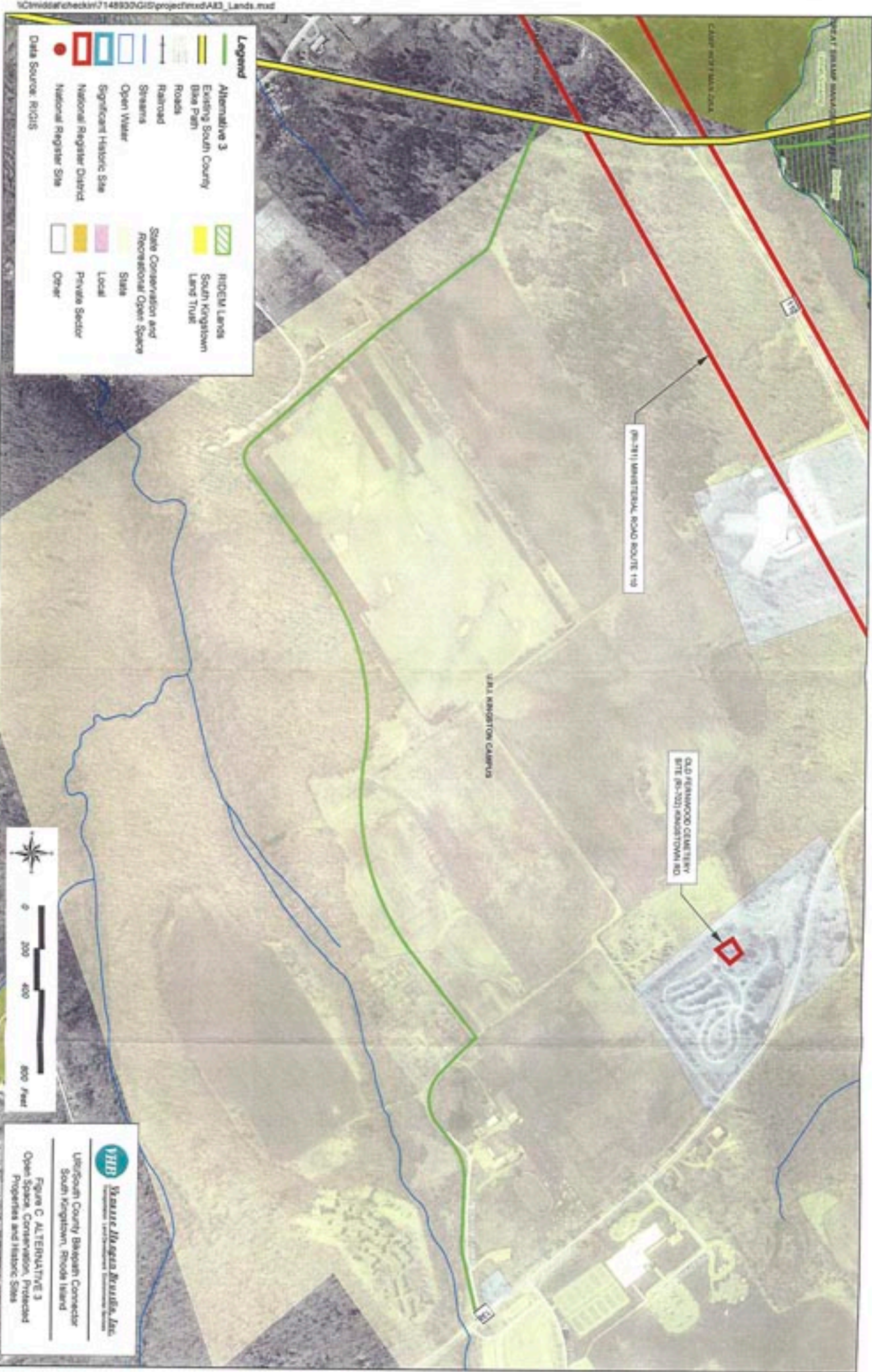












**Legend**

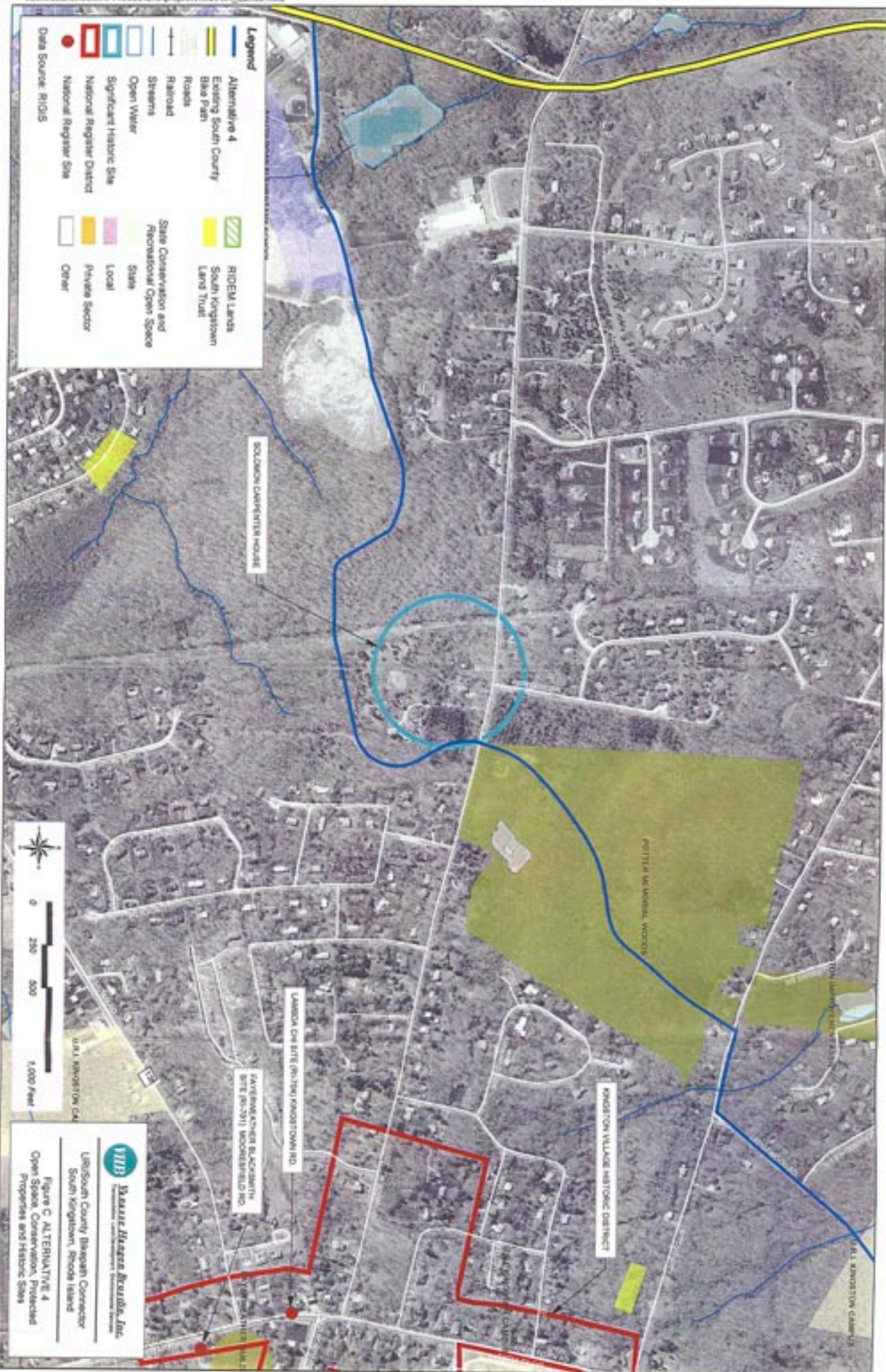
- |  |                                 |  |  |
|--|---------------------------------|--|--|
|  | Alternative 3                   |  | RIDEEM Lands                                   |
|  | Existing South County Bike Path |  | South Kingstown Land Trust                     |
|  | Roads                           |  | State Conservation and Recreational Open Space |
|  | Railroad                        |  | State  |
|  | Streams                         |  | Local  |
|  | Open Water                      |  | Private Sector                                 |
|  | Significant Historic Site       |  | Other  |
|  | National Register District      |  |  |
|  | National Register Site          |  |  |
|  | National Register Site          |  |  |
- Data Source: RIGIS



Uter/South County Baywalk Connector  
South Kingstown, Rhode Island

Figure C. ALTERNATIVE 3  
Open Space Conservation, Protected  
Properties and Historic Sites

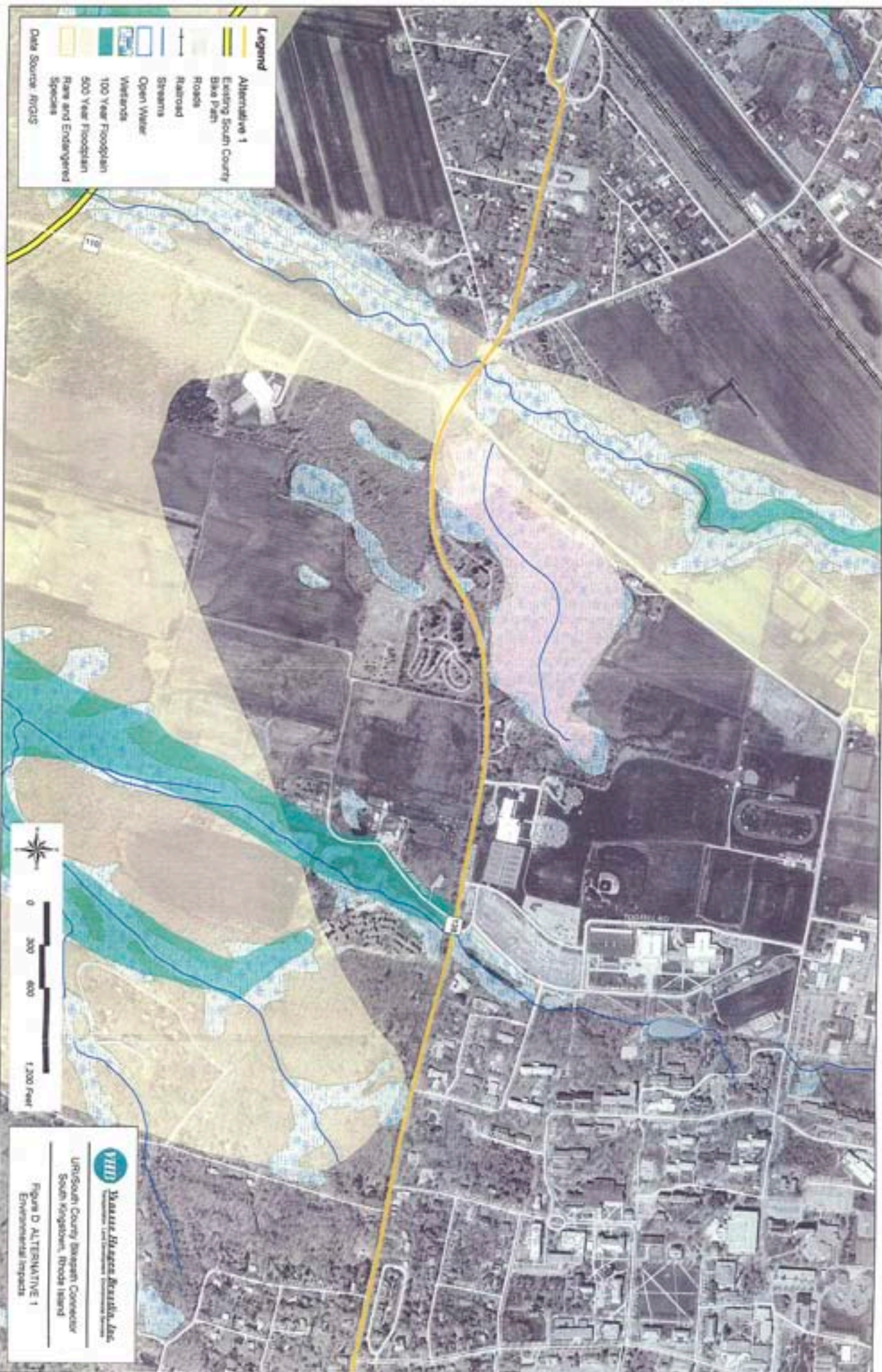




















**WMA** *Wetland Management Authority, Inc.*  
 Wetland Management Authority, Inc.  
 Wetland Management Authority, Inc.

Upland South County Black Path Connector  
 South Douglas, Illinois Island  
 Figure D ALTERNATIVE 3  
 Environmental Impacts





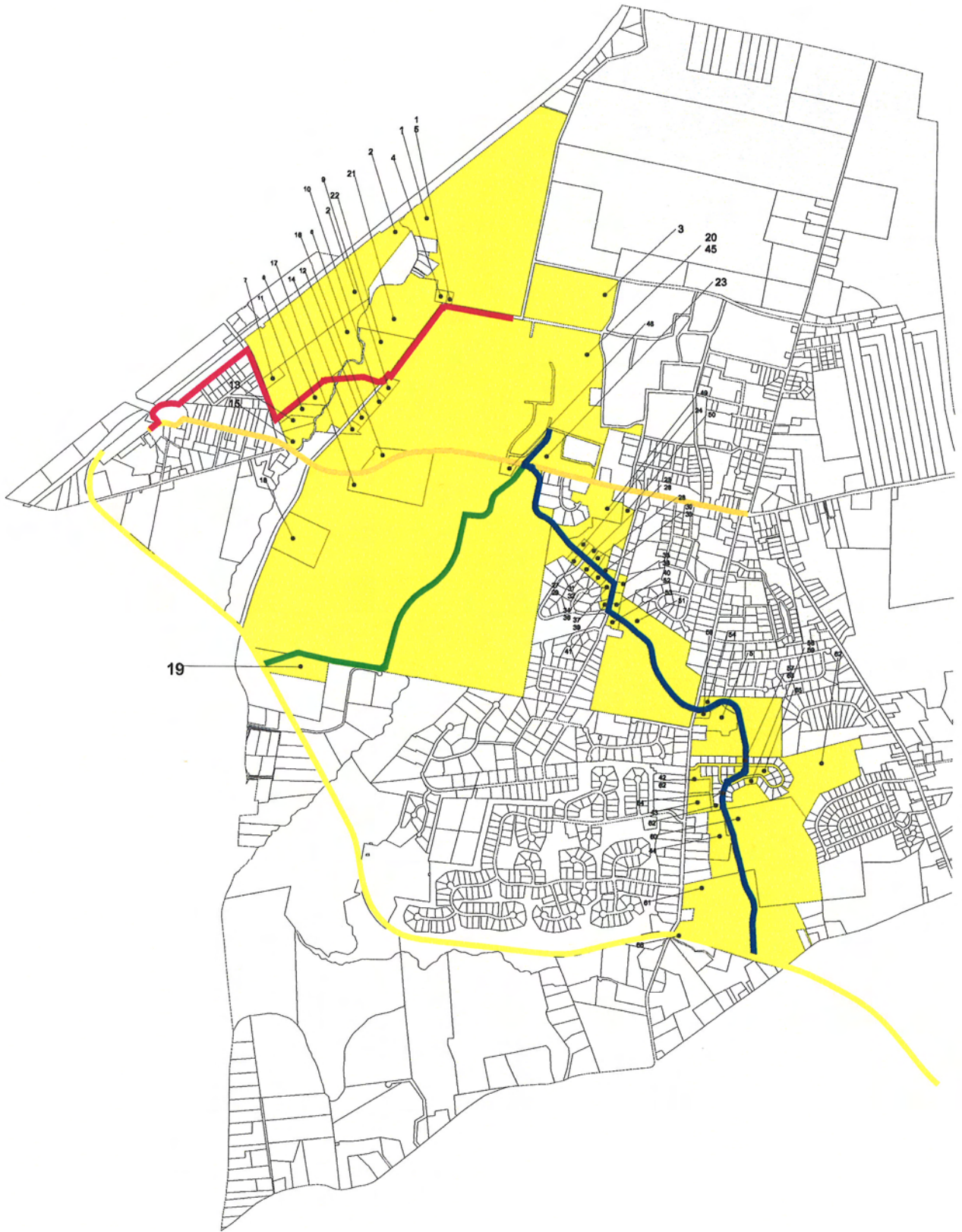
---

# Appendix C

## Parcel Data

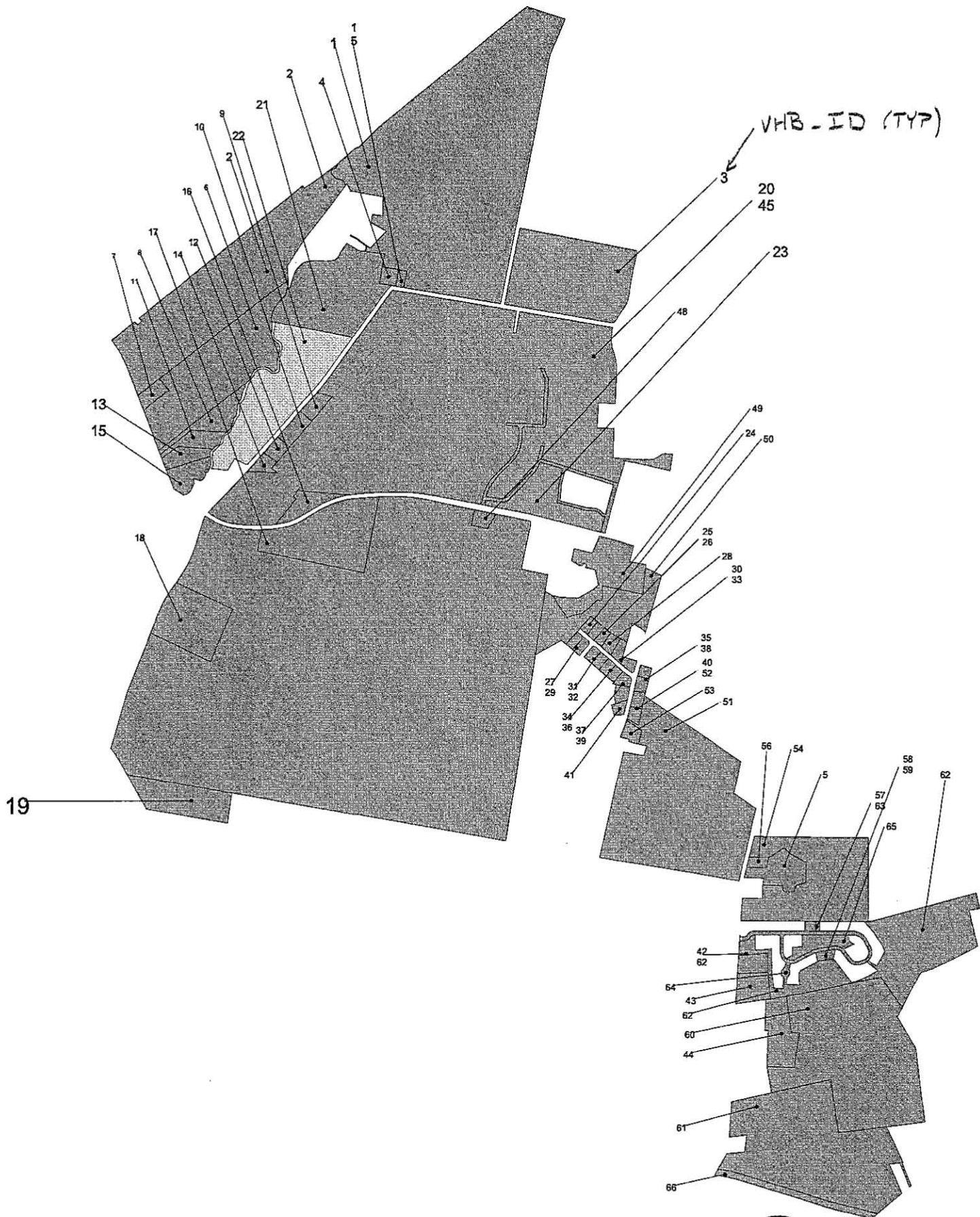
(updated April 1999)





PROPERTY  
MAP





800 0 800 1600 Feet



AREA	PERIMETER	SKPARC.	SKPARC.	ID	PLAT	LOT	LOT CODE	GISARECS	ADDR1	ADDR2	ADDR3	ADDR4	ZIP	XZIP	DESC	ZONE1	VH#_ID
533007 84565	11697 41744	27	435 15-4	6	LOT	123.58 UNIVERSITY OF RHODE ISLAND	123.58	UNIVERSITY OF RHODE ISLAND	971 BOARD OF GOVERNORS	301 PROMENADE ST	WEST KINGSTON ST	PROVIDENCE RI	02908	5088	350, 370, 459, 516, 523, 553, 580 PLAINS RD	G1	1
2236387 86665	8438 41709	35	680 22-2	19	LOT	51.34 PARTIVA, JOHN L JR & AMRA	51.34	PARTIVA, JOHN L JR & AMRA	971 HEATON ORCHARD RD	WEST KINGSTON ST	PROVIDENCE RI	02902	0000	WATERS CORNER RD	R200	2	
1343244 39425	4681 28335	51	774 15-4	7	LOT	30.64 UNIVERSITY OF RHODE ISLAND	30.64	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	PROVIDENCE RI	02908	5088	PLAINS RD	G1	3	
40542 97890	805 58440	60	830 15-4	4	LOT	0.93 UNIVERSITY OF RHODE ISLAND	0.93	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	PROVIDENCE RI	02908	5088	PLAINS RD	G1	4	
21086 58335	614 66022	62	837 15-4	5	LOT	0.48 DORAN, EVANGELINE (L) ET ALS	0.48	DORAN, EVANGELINE (L) ET ALS	C/O WILLIAM F PAQUIN ESQ	190 COMMERCE DR	WARWICK RI	02886	0000	362 PLAINS ROAD	R40	5	
1292504 99450	8087 74206	65	858 22-2	17	LOT	29.67 PARTIVA, JOHN L JR & AMRA	29.67	PARTIVA, JOHN L JR & AMRA	97 HEATON ORCHARD RD	WEST KINGSTON RI	02892	0000	WATERS CORNER RD	R200	6		
65988 90130	1097 80228	152	1080 22-2	18	LOT	1.51 TANNER, RICHARD A ETUX ALICE B	1.51	TANNER, RICHARD A ETUX ALICE B	97 WATERS CORNER ROAD	WEST KINGSTON RI	02892	0000	97 WATERS CORNER ROAD	R200	7		
186305 75005	2983 43977	155	1086 22-2	11	LOT	4.28 ANACLETO, NOAH J	4.28	ANACLETO, NOAH J	494 BROADWAY	WEST KINGSTON RI	02840	0000	33 WATERS CORNER ROAD	R200	8		
62105 02550	1064 27198	169	1117 22-2	15	LOT	1.43 UNIVERSITY OF RI FOUNDATION	1.43	UNIVERSITY OF RI FOUNDATION	21 DAVIS HALL	10 LIPPERT RD	CHARLESTOWN RI	02831	0000	177 PLAINS ROAD	R200	9	
78907 60870	1208 07313	196	1171 22-2	14	LOT	1.81 CHISHOLM, VAN E ETUX PATRICIA	1.81	CHISHOLM, VAN E ETUX PATRICIA	1190 SHANNOCK RD	PO BOX 633	WEST KINGSTON RI	02892	0000	27 WATERS CORNER ROAD	R200	10	
111630 98805	1921 63999	216	1228 22-2	10	LOT	2.56 TAYLOR, JOAN F	2.56	TAYLOR, JOAN F	PO BOX 633	107 PLAINS RD	WEST KINGSTON RI	02892	0000	107 PLAINS ROAD	R200	11	
46202 76210	889 53462	228	1245 22-2	13	LOT	1.11 MAY, LOIS A	1.11	MAY, LOIS A	PO BOX 624	91 PLAINS RD	WEST KINGSTON RI	02892	0000	23 WATERS CORNER ROAD	R200	12	
100760 54030	1478 05542	241	1270 22-3	32	LOT	2.31 BARNETT, ONETTA P	2.31	BARNETT, ONETTA P	PO BOX 624	91 PLAINS RD	WEST KINGSTON RI	02892	0000	23 WATERS CORNER ROAD	R200	13	
49962 40840	1068 71945	246	1283 22-3	27	LOT	1.15 DENICOLA, THOMAS A JR	1.15	DENICOLA, THOMAS A JR	50 WILDERNESS TRL	50 WILDERNESS TRL	WAKEFIELD RI	02879	4534	3 & 5 WATERS CORNER ROAD	R200	14	
136391 88895	1643 34363	249	1289 22-3	31	LOT	3.18 MANA, PHILIP R	3.18	MANA, PHILIP R	50 WILDERNESS TRL	50 WILDERNESS TRL	WAKEFIELD RI	02879	4534	3 & 5 WATERS CORNER ROAD	R200	15	
129508 89115	2156 88217	315	1389 22-3	26	LOT	2.97 OLD FERNWOOD CEMETERY	2.97	OLD FERNWOOD CEMETERY	1213 KINGSTON RD	KINGSTON RI	02879	0000	KINGSTON RD	R200	16		
825507 67975	4050 27907	332	1412 22-3	25	LOT	18.95 NEW FERNWOOD CEMETERY	18.95	NEW FERNWOOD CEMETERY	1213 KINGSTON RD	KINGSTON RI	02879	0000	KINGSTON RD	R200	17		
552217 22115	2953 84103	479	1658 22-3	24	LOT	9.77 UNIVERSITY OF RHODE ISLAND	9.77	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	PROVIDENCE RI	02908	5088	3119 MINISTERIAL ROAD	G1	18	
425592 92415	3143 12313	764	872 23-1	1	LOT	187.94 UNIVERSITY OF RHODE ISLAND	187.94	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	PROVIDENCE RI	02908	5088	3045, 3071 KINGSTN & 25. 65 W INDEPENDENCE	G1	19	
8186580 85225	21392 25203	55	794 22-2	16	LOT	23.49 STATE OF RI DEPT OF DEM	23.49	STATE OF RI DEPT OF DEM	235 PROMENADE ST	PROVIDENCE RI	02908	5088	3045, 3071 KINGSTN & 25. 65 W INDEPENDENCE	G1	20		
1023058 80110	4285 19828	55	933 22-2	12	LOT	26.35 WAKEFIELD WATER CO	26.35	WAKEFIELD WATER CO	PO BOX 429	WAKEFIELD RI	02908	5088	336 & 356 PLAINS ROAD	G1	21		
1147786 99440	5941 60574	94	1311 23-4	6	LOT	9.99 UNIVERSITY OF RHODE ISLAND	9.99	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	PROVIDENCE RI	02908	5088	336 & 356 PLAINS ROAD	G1	22	
435368 87895	3914 09657	262	1311 23-4	6	LOT	0.51 SOUTH KINGSTOWN LAND TRUST	0.51	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	LEDEWOOD RD	R20	23		
22136 70200	620 99114	512	1732 31-1	33	LOT	0.51 SOUTH KINGSTOWN LAND TRUST	0.51	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	LEDEWOOD RD	R20	24		
22238 53800	822 98575	522	1731 31-1	32	LOT	0.51 COFFEY, MARTHA F TRUSTEE	0.51	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02881	0000	LEDEWOOD RD	R20	25		
21672 05845	622 14633	529	1767 31-1	31	LOT	0.50 SOUTH KINGSTOWN LAND TRUST	0.50	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WARWICK RI	02879	0000	LEDEWOOD RD	R20	26		
20672 78625	610 30542	536	1783 31-1	34	LOT	0.47 COFFEY, MARTHA F TRUSTEE	0.47	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02881	0000	LEDEWOOD RD	R20	27		
32208 31945	734 49347	537	1785 31-1	128	LOT	0.74 BERGAN, MARJORIE J	0.74	BERGAN, MARJORIE J	AKA MARJORIE J CALDWELL	BOX 81	KINGSTON RI	02881	0061	43 LEDGEWOOD ROAD	R20	28	
21635 88235	609 74727	541	1795 31-1	35	LOT	0.50 DAVIS, JOHN H	0.50	DAVIS, JOHN H	32601 BUFFALO PARK ROAD	EVERGREEN CO	80439	0000	SPRINGDALE DR	R20	29		
30863 59140	764 88373	543	1800 31-2	127	LOT	0.71 STEIN, KAREN F TRUSTEE	0.71	STEIN, KAREN F TRUSTEE	PO BOX 1683	KINGSTON RI	02881	0000	SPRINGDALE DR	R20	30		
21486 74075	589 94125	558	1827 31-1	30	LOT	0.49 SCOTT, JASON E & LISA A	0.49	SCOTT, JASON E & LISA A	121 BISCUIT CITY RD	KINGSTON RI	02881	0468	31 LEDGEWOOD ROAD	R20	31		
21908 10280	603 73067	564	1848 31-1	29	LOT	0.50 ROSSBOTTEN, SUSAN J	0.50	ROSSBOTTEN, SUSAN J	42 LEDGEWOOD RD	KINGSTON RI	02881	0000	42 LEDGEWOOD ROAD	R20	32		
22537 10650	604 09620	571	1861 31-2	128	LOT	0.52 ENGLANDER, LARRY ETUX CAROL M	0.52	ENGLANDER, LARRY ETUX CAROL M	1 LEDGEWOOD RD	KINGSTON RI	02881	0000	42 LEDGEWOOD ROAD	R20	33		
21732 91475	601 23173	574	1889 31-2	125	LOT	0.50 WALTRIP, STEPHAN B	0.50	WALTRIP, STEPHAN B	3781 NORTHEAST 16 TERR	OAKLAND PARK FL	33334	0000	1 LEDGEWOOD ROAD	R20	34		
20362 45030	571 29029	583	1888 31-2	110	LOT	0.47 MALK, SUPRENDIA S & MARLENE S	0.47	MALK, SUPRENDIA S & MARLENE S	150 BISCUIT CITY ROAD	KINGSTON RI	02881	1617	150 BISCUIT CITY ROAD	R20	35		
21203 27970	554 99767	584	1889 31-2	124	LOT	0.49 WALTRIP, STEPHAN B	0.49	WALTRIP, STEPHAN B	3781 NORTHEAST 16 TERR	OAKLAND PARK FL	33334	0000	1 LEDGEWOOD ROAD	R20	36		
25514 48360	658 87862	591	1913 31-2	123	LOT	0.99 STORM, CARLYE B TRUSTEE	0.99	STORM, CARLYE B TRUSTEE	3781 NORTHEAST 16 TERR	OAKLAND PARK FL	33334	0000	1 LEDGEWOOD ROAD	R20	37		
25771 94130	646 22447	596	1924 31-2	111	LOT	0.99 STORM, CARLYE B TRUSTEE	0.99	STORM, CARLYE B TRUSTEE	3781 NORTHEAST 16 TERR	OAKLAND PARK FL	33334	0000	1 LEDGEWOOD ROAD	R20	38		
32644 03405	714 08802	614	1957 31-2	121	LOT	0.75 WASH CITY ASSOC FOR RETAIRED &	0.75	WASH CITY ASSOC FOR RETAIRED &	OTHER HANDICAPPED CITIZENS INC	P O BOX 56	KINGSTON RI	02881	0000	BISCUIT CITY RD	R20	39	
27908 30725	679 36505	620	1977 31-2	112	LOT	0.64 REISTECK, DANIEL M & MEDELISE	0.64	REISTECK, DANIEL M & MEDELISE	180 BISCUIT CITY RD	KINGSTON RI	02881	0000	180 BISCUIT CITY ROAD	R20	40		
24142 84670	643 43789	643	2014 31-2	120	LOT	0.55 PERKINS, MARJORIE B	0.55	PERKINS, MARJORIE B	201 BISCUIT CITY RD	KINGSTON RI	02881	0000	201 BISCUIT CITY ROAD	R20	41		
82236 37156	1183 59685	1086	2860 39-2	11	LOT	1.89 FORGE CONSTRUCTION MGMT INC	1.89	FORGE CONSTRUCTION MGMT INC	1130 TEN ROD RD #205B	NORTH KINGSTOWN RI	02879	0000	1289 SOUTH ROAD	R30	42		
138874 13302	1501 72878	1149	2860 39-2	10	LOT	3.19 WILLETT, ERNEST J	3.19	WILLETT, ERNEST J	1289 SOUTH ROAD	WAKEFIELD RI	02879	0000	1289 SOUTH ROAD	R30	43		
274624 77323	2419 64790	1214	3082 39-2	12	LOT	6.30 GARDNER, STEPHEN J ETUX	6.30	GARDNER, STEPHEN J ETUX	1289 SOUTH ROAD	WAKEFIELD RI	02879	0000	1289 SOUTH ROAD	R30	44		
8186580 85225	21392 25203	68	872 23-1	1	LOT	187.94 UNIVERSITY OF RHODE ISLAND	187.94	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	PROVIDENCE RI	02908	5088	3045, 3071 KINGSTN & 25. 65 W INDEPENDENCE	G1	45	
229986 08827	11835 58049	135	1043 30	24	LOT	5.28 UNIVERSITY OF RHODE ISLAND	5.28	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	PROVIDENCE RI	02908	5088	3045, 3071 KINGSTN & 25. 65 W INDEPENDENCE	G1	46	
152671737 35824	19383 08969	330	1410 30	8	LOT	350.36 STATE OF RI DEPT OF DEM	350.36	STATE OF RI DEPT OF DEM	235 PROMENADE ST	PROVIDENCE RI	02908	5088	3045, 3071 KINGSTN & 25. 65 W INDEPENDENCE	G1	47		
45258 16353	866 28388	358	1458 23-4	1	LOT	1.04 SOUTH KINGSTOWN TOWN OF	1.04	SOUTH KINGSTOWN TOWN OF	P O BOX 31	WAKEFIELD RI	02880	0031	2940 KINGSTOWN ROAD PUMPING STATION	G1	48		
468516 80347	4493 99485	411	16672 23-4	1	LOT	14.17 SOUTH KINGSTOWN LAND TRUST	14.17	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	BISCUIT CITY RD	R20	49		
6717080 56995	5544 89222	457	1615 23-3	2	LOT	62.25 KINGSTON IMP ASSOC	62.25	KINGSTON IMP ASSOC	C/O APRIL GILROY	130 LINDEN DRIVE	KINGSTON RI	02861	0000	SOUTH RD	R20	50	
2711566 32730	7532 05834	635	1988 31-2	113	LOT	0.61 LOSPALUTO, FRANK A ETUX	0.61	LOSPALUTO, FRANK A ETUX	JUDIE C	220 BISCUIT CITY ROAD	KINGSTON RI	02881	0000	220 BISCUIT CITY ROAD	R20	51	
26454 62110	863 93803	656	2036 31-2	114	LOT	1.00 VINHATERO, DENNIS ETUX JUNE	1.00	VINHATERO, DENNIS ETUX JUNE	220 BISCUIT CITY ROAD	KINGSTON RI	02881	0000	220 BISCUIT CITY ROAD	R20	52		
43568 05500	873 93490	678	2096 31-2	114	LOT	28.04 MANTIS DEVELOPMENT LLC	28.04	MANTIS DEVELOPMENT LLC	2 ROCKY CUTTER RD	MIDDLEBORO MA	02346	0000	SOUTH ROAD	R20	53		
1231226 96567	6589 49869	869	2484 31-3	70	LOT	5.11 COSTELLO, DANIEL T	5.11	COSTELLO, DANIEL T	2 ROCKY CUTTER RD	MIDDLEBORO MA	02346	0000	SOUTH ROAD	R20	54		
222452 15725	2257 96643	885	2511 31-3	19	LOT	0.89 GEABER, JOHN J ETUX DIANE D	0.89	GEABER, JOHN J ETUX DIANE D	PO BOX 5232	WAKEFIELD RI	02879	5232	1465 SOUTH ROAD	R30	55		
30129 43625	737 40988	900	2530 31-3	68	LOT	0.89 GEABER, JOHN J ETUX DIANE D	0.89	GEABER, JOHN J ETUX DIANE D	PO BOX 5232	WAKEFIELD RI	02879	5232	1465 SOUTH ROAD	R30	56		
1290276 62195	10089 52710	958	16680 32-4	OS	LOT	0.36 POTTERS FARM LLC	0.36	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000					

CROSS REFERENCE  
TO PROPERTY MAP

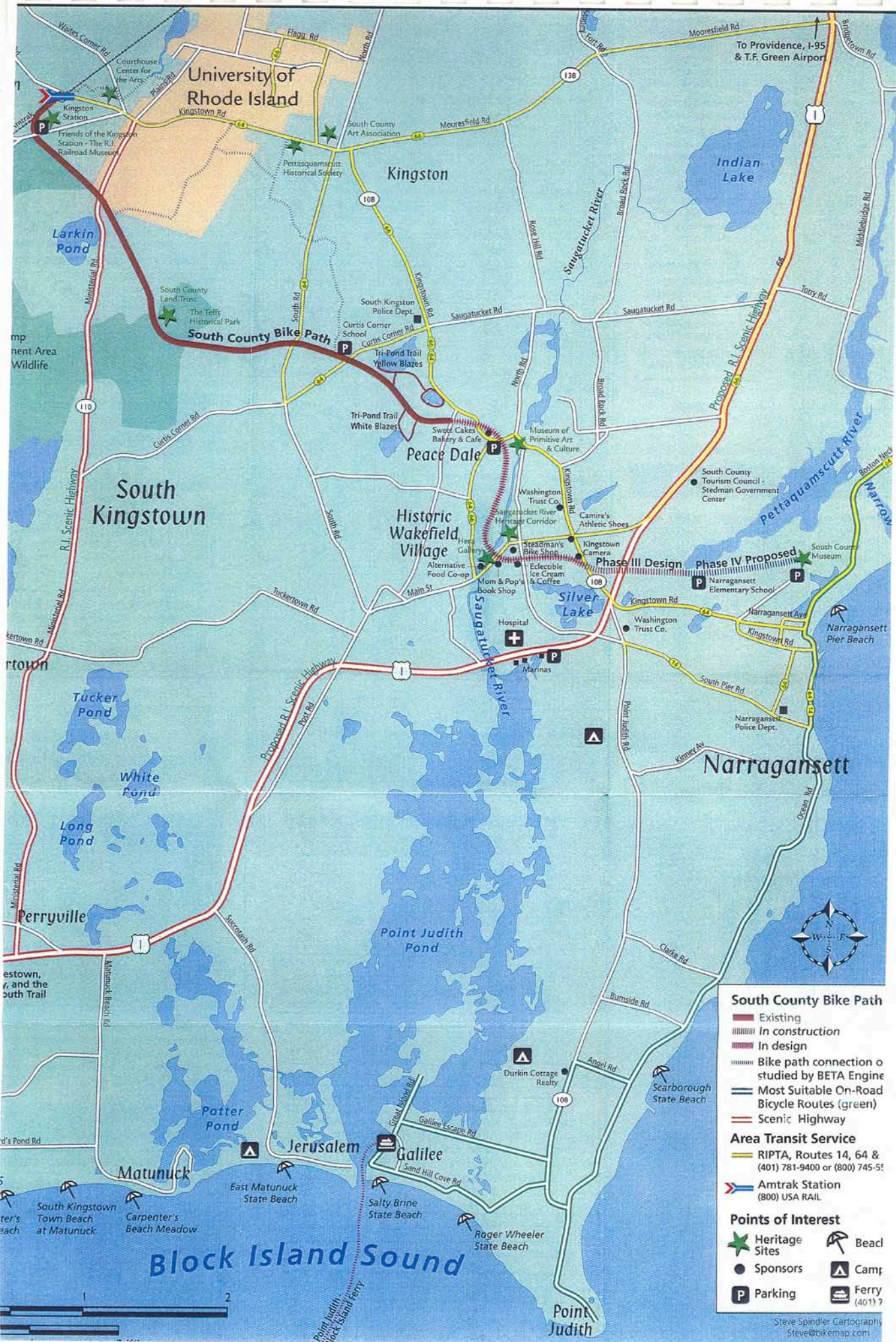
---

# Appendix D

## Existing Bike Path

South County Bike Path Mapping







---

# Appendix E

## Preliminary Cost Estimate

Cost Summary Sheet

Alternative 1 Cost Estimate

Alternative 2 Cost Estimate

Alternative 3 Cost Estimate

Alternative 4 Cost Estimate



# Cost Estimate Summary

	Construction \$	Design \$	Total \$	Total Length (miles)	\$/mile
Alternative 1			TO BE DETERMINED		
Alternative 2	\$2,264,889	\$271,787	\$2,536,676	0.94	\$2,705,787
Alternative 3	\$715,815	\$85,898	\$801,712	1.42	\$565,159
Alternative 4	\$1,634,975	\$196,197	\$1,831,172	2.09	\$874,194

ITEM	QUANTITY	UNIT COST	COST
------	----------	-----------	------

**A. PAVEMENT****4950 Multi Use Path (ft)**

1. Bituminous Concrete	1,218 T	60.00	\$73,062
2. Subbase	1,525 CY	18.00	\$27,443
3. Furnishing Topsoil	5,495 SY	5.00	\$27,473
4. Turf Establishment	5,495 SY	1.40	\$7,692
5. Stone Dust	183 CY	30.00	\$5,495
6. Earthwork	2,322 CY	10.00	\$23,216
7. Subgrade Formation	2,200 SY	2.00	\$4,400

SUBTOTAL \$168,780

**TOTAL COSTS** **\$168,780**

**B. STRUCTURES**

1. 200' long bridge over Chiputux River (assume 15' wide)	1 ls		\$1,000,000
			<u>\$1,000,000</u>

SUBTOTAL \$1,000,000

**TOTAL COSTS** **\$1,000,000**

**C. DRAINAGE**

SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$0</b>

**D. OTHER FEATURES**

1. Privacy Screening	LF	100.00	\$0
2. Sedimentation Control	4,950 LF	4.00	\$19,800
3. Split Rail Fence	600 LF	16.00	\$9,600
4. Sidewalk	0 SF	9.15	\$0
5. Traffic Pedestrian Signal	0 LS	10,000.00	\$0
6. Aesthetic Chain Link Fencing (On 100' Structure)	200 LF	50.00	\$10,000
7. Remove and Relocate Chain Link Fence	650 LF	15.00	\$9,750
8. Tack Coat	272 Gal	5.37	\$1,462
9. Crosswalk Treatment	1 LS	10,000.00	\$10,000
10. Landscaping	1 LS	10,000.00	\$10,000

SUBTOTAL \$70,612

**TOTAL COSTS** **\$70,612**

**E. MINOR ITEMS**

20%

**\$247,878****SUMMARY OF COSTS**

SUBTOTAL CONTRACT ITEMS \$1,487,270

**LUMP SUM ITEMS**

Clearing and Grubbing	2%	29,745	
M&P of Traffic	3%	44,618	
Mobilization	7.5%	111,545	
Construction Staking	2.0%	29,745	
Subtotal			<u>\$215,654</u>

SUBTOTAL CONTRACT ITEMS \$1,702,924

INCIDENTALS 15% \$255,439

CONTINGENCIES 15% \$255,439

UTILITIES 3% \$51,088

**TOTAL COSTS** **\$2,264,889**



ITEM	QUANTITY	UNIT COST	COST
<b>A. PAVEMENT</b>			
6750 New Multi Use Path (ft)			
1. Bituminous Concrete	1,661 T	60.00	\$99,630
2. Subbase	2,079 CY	18.00	\$37,422
3. Furnishing Topsoil	7,493 SY	5.00	\$37,463
4. Turf Establishment	7,493 SY	1.40	\$10,490
5. Stone Dust	250 CY	30.00	\$7,493
6. Earthwork	3,166 CY	10.00	\$31,658
7. Subgrade Formation	3,000 SY	2.00	\$6,000
740 New Shared Use Roadway (ft)			
1. Bituminous Concrete	437 T	60.00	\$26,214
2. Subbase	547 CY	28.00	\$15,316
3. Furnishing Topsoil	821 SY	5.00	\$4,107
4. Turf Establishment	821 SY	1.40	\$1,150
5. Stone Dust	27 CY	30.00	\$821
6. Earthwork	833 CY	10.00	\$8,329
7. Subgrade Formation	329 SY	2.00	\$658
SUBTOTAL			\$286,750
<b>TOTAL COSTS</b>			<b>\$286,750</b>
<b>B. STRUCTURES</b>			
1. Culvert on Peckham Farm Road	150 sf	100.00	\$24,000
			\$24,000
SUBTOTAL			\$24,000
<b>TOTAL COSTS</b>			<b>\$24,000</b>
<b>C. DRAINAGE</b>			
SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$0</b>
<b>D. OTHER FEATURES</b>			
1. Privacy Screening	LF	100.00	\$0
2. Sedimentation Control	7,490 LF	4.00	\$29,960
3. Split Rail Fence	1780 LF	16.00	\$28,480
4. Sidewalk	0 SF	9.15	\$0
5. Traffic Pedestrian Signal	1 LS	10,000.00	\$10,000
6. Chain Link Fencing	0 LF	24.00	\$0
7. Tack Coat	469 Gal	5.37	\$2,518
8. Crosswalk Treatment	0 LS	10,000.00	\$0
9. Landscaping	1 LS	10,000.00	\$10,000
SUBTOTAL			\$80,958
<b>TOTAL COSTS</b>			<b>\$80,958</b>
<b>E. MINOR ITEMS</b>	20%		<b>\$78,342</b>

**SUMMARY OF COSTS**

SUBTOTAL CONTRACT ITEMS		\$470,049
LUMP SUM ITEMS		
Clearing and Grubbing	2%	9,401
M&P of Traffic	3%	14,101
Mobilization	7.5%	35,254
Construction Staking	2.0%	9,401
Subtotal		\$68,157
SUBTOTAL CONTRACT ITEMS		\$538,206
INCIDENTALS	15%	\$80,731
CONTINGENCIES	15%	\$80,731
UTILITIES	3%	\$16,146
<b>TOTAL COSTS</b>		<b>\$715,815</b>

ITEM	QUANTITY	UNIT COST	COST
<b>A. PAVEMENT</b>			
<b>9900 New Multi Use Path (ft)</b>			
1 Bituminous Concrete	2 435 T	60.00	\$146,124
2 Subbase	3,049 CY	18.00	\$54,886
3 Furnishing Topsoil	10,989 SY	5.00	\$54,945
4 Turf Establishment	10,989 SY	1.40	\$15,385
5 Stone Dust	366 CY	30.00	\$10,989
6 Earthwork	4 643 CY	10.00	\$46,431
7 Subgrade Formation	4 400 SY	2.00	\$8,800
<b>1160 Shared Use Roadway-Upgrade(ft) [assume 5' width]</b>			
1 Bituminous Concrete	143 T	60.00	\$8,561
2 Subbase	179 CY	28.00	\$5,002
3 Furnishing Topsoil	644 SY	5.00	\$3,219
4 Turf Establishment	1 288 SY	1.40	\$1,803
5 Stone Dust	43 CY	30.00	\$1,288
6 Earthwork	272 CY	10.00	\$2,720
7 Subgrade Formation	215 SY	2.00	\$430
SUBTOTAL			\$360,581
<b>TOTAL COSTS</b>			<b>\$360,581</b>
<b>B. STRUCTURES</b>			
1. Structure at Route 138 - 20' long	300 SF	300.00	\$62,000
2. Boardwalk west of Springdale drive	3600 SF	97	\$350,000
			\$412,000
SUBTOTAL			\$412,000
<b>TOTAL COSTS</b>			<b>\$412,000</b>
<b>C. DRAINAGE</b>			
SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$0</b>
<b>D. OTHER FEATURES</b>			
1 Privacy Screening	LF	100.00	\$0
2 Sedimentation Control	9,900 LF	4.00	\$39,600
3 Split Rail Fence	1800 LF	16.00	\$28,800
4 Sidewalk	1160 SF	9.15	\$10,614
5 Traffic Pedestrian Signal	1 LS	10,000.00	\$10,000
6 Chain Link Fencing	0 LF	24.00	\$0
7 Tack Coat	576 Gal	5.37	\$3,095
8 Crosswalk Treatment	2 LS	10,000.00	\$20,000
9 Landscaping	1 LS	10,000.00	\$10,000
SUBTOTAL			\$122,109
<b>TOTAL COSTS</b>			<b>\$122,109</b>
<b>E. MINOR ITEMS</b>	20%		<b>\$178,938</b>
<b>SUMMARY OF COSTS</b>			
SUBTOTAL CONTRACT ITEMS			\$1,073,628
LUMP SUM ITEMS			
Clearing and Grubbing	2%	21,473	
M&P of Traffic	3%	32,209	
Mobilization	7.5%	80,522	
Construction Staking	2.0%	21,473	
Subtotal			\$155,676
SUBTOTAL CONTRACT ITEMS			\$1,229,304
INCIDENTALS	15%		\$184,396
CONTINGENCIES	15%		\$184,396
UTILITIES	3%		\$36,879
<b>TOTAL COSTS</b>			<b>\$1,634,975</b>



# *URI / South County Bike Path Connector*

South Kingston,  
Rhode Island

---

Prepared for Rhode Island Department of Transportation

Prepared by **VHB/Vanasse Hangen Brustlin, Inc.**  
Transportation, Land Development, Environmental Services  
54 Tuttle Place  
Middletown, CT 06457  
860 632-1500

March 7, 2005

# Table of Contents

<b>Introduction .....</b>	<b>1</b>
<b>Description of Alternatives.....</b>	<b>4</b>
Alternative 4-A (Biscuit City Road) .....	4
Alternative 4-B (Biscuit City Road) .....	6
Alternative 4-C .....	7
Alternative 4-D .....	9
<b>Summary and Conclusions .....</b>	<b>11</b>

## Appendix

- Correspondence
- CMAQ Project Proposal
- Conceptual Cost Estimate
- GIS Based Mapping



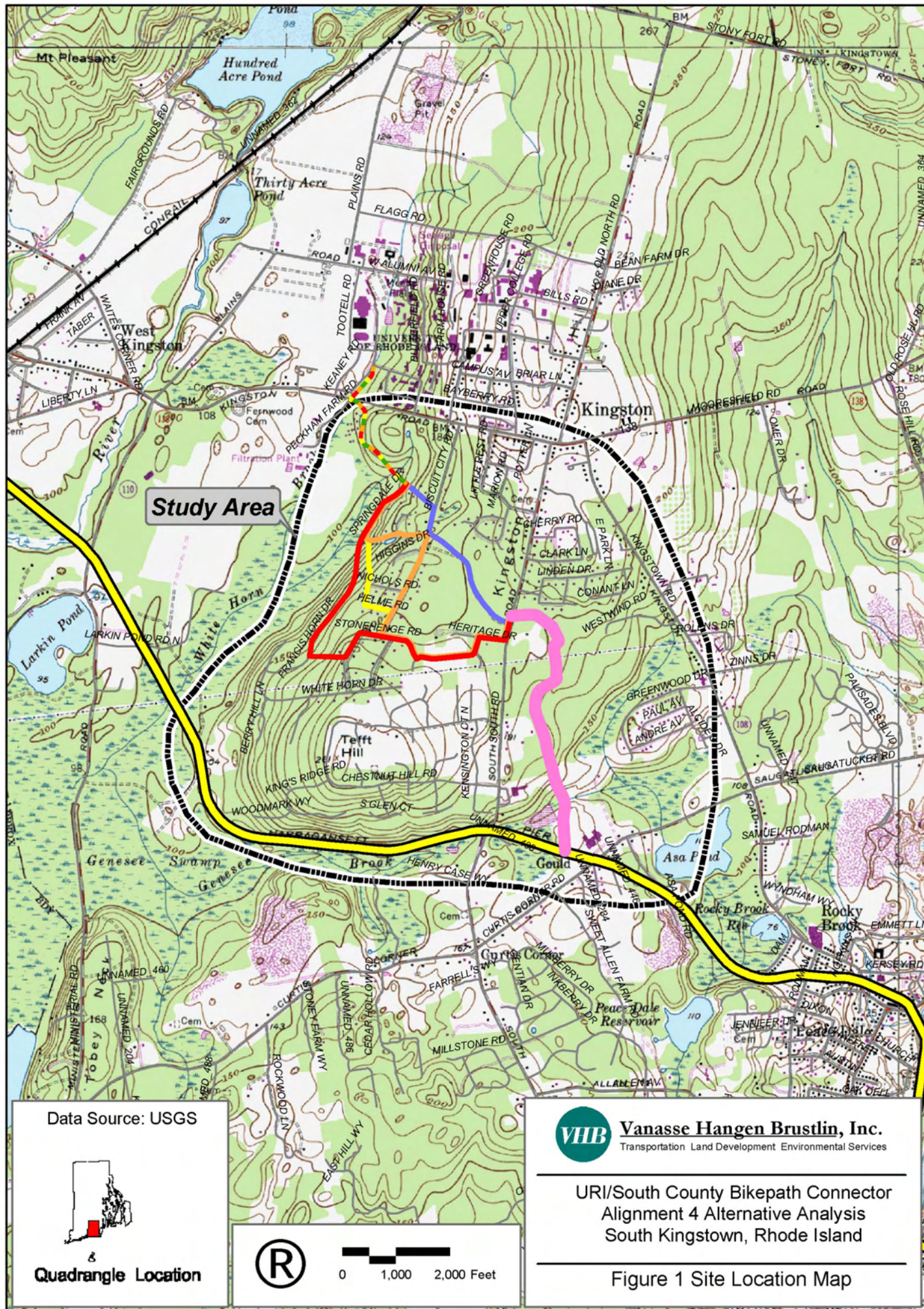
# Introduction

Vanasse Hangen Brustlin, Inc. (VHB) has been retained by the Rhode Island Department of Transportation to evaluate four potential bicycle path alternatives connecting the University of Rhode Island with the South County Bike Path, population centers, Wakefield, Kingston Railroad Station, as well as cultural, recreational, and educational destinations.

The results of this effort, summarized in a Bike Path Alternative Analysis dated February 2004, has indicated that the Biscuit City Road Alignment (Alignment 4), as shown on *Figure 1*, is among the most desirable alignments. However, it has been determined through meetings with key property owners, that a portion of the necessary right of way will not be made available to the project. Subsequently, VHB has been retained by the Rhode Island Department of Transportation to analyze alternative routes to avoid this unavailable parcel and to address other comments received during public workshops.

This technical memorandum presents four alternatives within Alignment 4 as presented in the August 2003 Bike Path Alternative Analysis. These four alternatives are depicted on Figure 2. Advantages and disadvantages of each alternative are then outlined and summarized in matrix format. Finally, conclusions are drawn regarding the potential viability of each alternative.





**Vanasse Hangen Brustlin, Inc.**  
Transportation Land Development Environmental Services







# Description of Alternatives

The following sections describe each of four potential alternative alignments, identifies opportunities and constraints, then summarizes, in matrix format, the alignments.

## Alternative 4-A (Biscuit City Road)

As described in a report entitled, "Bike Path Alternative Analysis" dated February 2004, Alternative 4A begins as a shared use path at the University of Rhode Island's Keaney Parking area. The path then crosses White Horn Brook, north of Route 138, via a new 15' long structure parallel to the existing Route 138 roadway bridge, then crosses Route 138 at an existing cross walk location. The path then enters the University Village Apartments property along the eastern side of Grad Circle. The shared use path continues to the east, avoiding wetlands, proceeding towards Ledgewood Road. Prior to connecting with Ledgewood Road, an approximately 300 foot long timber boardwalk will be required to cross two streams and wetlands. The path continues along Springdale Drive, a low volume - low speed roadway as an on-road path south to Biscuit City Road via a town owned "paper road". The alignment continues as a shared use path following an existing trail through Potter Wood to South Road. The shared use path then crosses South Road and enters two new subdivisions via existing bike facilities on established easement / right-of-way acquired by the town as part of the sub-divisions approval process. The path continues to the south connecting to the existing bike path system surrounding the South Kingstown Athletic Fields and continues to the South County Bike Path just east of the Jr. High School.



The following highlights key trail attributes and opportunities as well as identifies design issues.

Opportunities	Constraints
<ul style="list-style-type: none"> <li>○ Consistent with the Town of South Kingstown Master Plan.</li> <li>○ Consistent with the Town of South Kingstown Greenways Master Plan.</li> <li>○ Consistent and compatible with South Kingstown's existing trail system.</li> <li>○ Significant portion of the trail is off-road.</li> </ul>	<ul style="list-style-type: none"> <li>○ Right of way/easement acquisition: <ul style="list-style-type: none"> <li>▪ URI</li> <li>▪ RIDEM</li> <li>▪ Kingston Improvement Association</li> </ul> </li> <li>○ Mix of on-road and off-road bicycle facility.</li> <li>○ Path through Potter Wood at South Road will require modifications to entrance involving relocating small section of stone wall.</li> <li>○ 6-8% grade along eastern portion of Springdale Drive.</li> <li>○ Mid block crossing of Biscuit City Road at Potter Wood Entrance.</li> <li>○ Mid block crossing of South Road at Potter Wood Entrance.</li> </ul>



Existing path through Potter Wood



Existing Path through Developments

## Alternative 4-B (Biscuit City Road)

Alternative 4-B deviates from Alignment 4A at the entrance to Potter Wood, where Alternative 4B turns south along Biscuit City Road as a signed-shared roadway with sidewalk accommodation for pedestrians on the western side of Biscuit City Road. This existing four foot sidewalk is currently provided to Nichols Road which should be upgraded to five foot width with ADA accessibility. South of Nichols Road, a new five foot sidewalk is recommended on the west of Biscuit City Road. At the southern limit of Biscuit City Road, the signed-shared roadway continues east on Stonehenge Road and connects to Ventura Circle/Enterprise Terrace via a new short shared-use path through a private parcel (plat 31-4/lot 22). This new bikepath connection will require approximately 1,000 sf of partial property acquisition/easement on an unused portion of a residential property. The path continues east to Heritage Drive, then north on South Road. Currently, a four foot unpaved sidewalk provides pedestrian accommodations on the west of South Road, however, this informal sidewalk should be paved from Heritage Drive to the entrance of the Kingston Woods development. In the vicinity of the Kingston Woods development, the path crosses South Road and enters two new subdivisions via existing bike facilities on established easement / right-of-way acquired by the town as part of the subdivisions approval process. The path continues to the south connecting to the existing bike path system surrounding the South Kingstown Athletic Fields and continues to the South County Bike Path just east of the Jr. High School.

The following highlights key trail attributes and opportunities as well as identifies design issues.

Opportunities	Constraints
<ul style="list-style-type: none"> <li>○ Connectivity Consistent with the goals of Alternative 4A.</li> <li>○ Upgrades existing connectivity to URI Upper Campus along Biscuit City Road (continuation of existing sidewalk)</li> </ul>	<ul style="list-style-type: none"> <li>○ Private R.O.W./easement acquisition (1,000 sf)</li> <li>○ Additional Sidewalk Construction Required (1,300 lf)</li> <li>○ Reconstruct 1,100 lf of sidewalk</li> </ul>



**Proposed connection from Stonehenge Road to Ventura Circle / Property Acquisition**



**Existing sidewalk along Biscuit City Road**



## Alternative 4-C

Alternative 4-C deviates from Alignment 4-A along Springdale Drive, turning south through property owned by the South Kingstown Land Trust (plat 31-1/lot 11); just west of a historic Grist Mill. A property acquisition or an easement of approximately 10,000 sf will be required to traverse this wooded unused property in a residential zone. The path crosses a small stream via a proposed culvert, an area of boulder outcropping and continues to Helme Road. The path then continues south and east along Helme Road, a low volume low speed roadway, as a shared-roadway. The signed-shared roadway continues south on Biscuit City Road, then east on Stonehenge Road and connects to Ventura Circle/Enterprise Terrace via a new short shared-use path through a private parcel (plat 31-4/lot 22). This new bikepath construction will require approximately 1,000 sf of partial property acquisition/easement on an unused portion of a residential property. The path then continues east to Heritage Drive, then north on South Road. Currently, a four foot unpaved sidewalk provides pedestrian accommodations on the west of South Road, however, this informal sidewalk should be paved (five foot width) from Heritage Drive to the entrance of the Kingston Woods Development. In the vicinity of the entrance to the Kingston Woods Development the path crosses South Road and enters two new subdivisions via existing bike facilities on established easement / right-of-way acquired by the town as part of the sub-divisions approval process. The path continues to the south connecting to the existing bike path system surrounding the South Kingstown Athletic Fields and continues to the South County Bike Path just east of the Jr. High School.

The following highlights key trail attributes and opportunities as well as identifies design issues.

Opportunities	Constraints
<ul style="list-style-type: none"> <li>○ Connectivity Consistent with the goals of Alternative 4A.</li> <li>○ Upgrades existing connectivity to URI Upper Campus along Biscuit City Road. (continuation of existing sidewalk)</li> <li>○ Maximizes use of low volume roadways</li> </ul>	<ul style="list-style-type: none"> <li>○ R.O.W./easement acquisition (11,000 sf)</li> <li>○ Additional Sidewalk Construction Required (845 lf)</li> </ul>



**Historic Grist Mill**



**Existing sidewalk along Biscuit City Road**



**Proposed connection from Stonehenge  
Road to Ventura Circle / Property Acquisition**



## Alternative 4-D

Alternative 4-D deviates from Alternative 4-A along Springdale Drive and enters a parcel owned by the Rhode Island Department of Environmental Management (RIDEM). Approximately 23,000 sf of partial property acquisition or an easement will be required to traverse the RIDEM property. Although this alignment attempts to minimize environmental impacts, the proposed alignment traverses significant wetlands and streams before joining Francis Horn Drive. Significant timber boardwalk structures are anticipated through the RIDEM property (plat 30/lot 24) to minimize wetland impacts. This shared-use path then joins Francis Horn Drive through a required right of way acquisition/easement of 2,500 sf through one or two privately owned parcels (plat 31-4/lot 69, plat 31-4/lot 68). Traveling eight hundred feet south along Francis Horn Drive the path, once again, becomes a shared-use path traveling east along a town owned right of way to Stonehenge Road where the path rejoins the existing roadway system. Similar to Alternative 4B and 4C, the shared roadway continues east on Stonehenge Road and connects to Ventura Circle/Enterprise Terrace via a new short shared-use path through a private parcel (plat 31-4/lot 22). This new bikepath construction will require approximately 1,000 sf of partial property acquisition/easement on an unused portion of a residential property. The path continues east to Heritage Drive, then north on South Road. Currently, a four foot unpaved sidewalk provides pedestrian accommodations on the west of South Road, however, this informal sidewalk should be paved (five foot width) from Heritage Drive to the entrance of the Kingston Woods development. In the vicinity of the entrance to the Kingston Woods development, the path crosses South Road and enters two new subdivisions via existing bike facilities on established easement / right-of-way acquired by the town as part of the subdivisions approval process. The path continues to the south connecting to the existing bike path system surrounding the South Kingstown Athletic Fields and continues to the South County Bike Path just east of the Jr. High School.

The following highlights key trail attributes and opportunities as well as identifies design issues.

Opportunities	Constraints
<ul style="list-style-type: none"> <li>○ Consistent with existing Town efforts.</li> <li>○ Connects large number of residential homes to the South County Bike Path.</li> </ul>	<ul style="list-style-type: none"> <li>○ Circuitous Route</li> <li>○ R.O.W./easement acquisition (26,500 sf)</li> <li>○ Shared Use Path construction (2,440 lf)</li> <li>○ Additional Sidewalk Construction Required (350 lf)</li> <li>○ Environmental Permitting</li> <li>○ Boardwalk installation and maintenance costs</li> </ul>



**Significant Wetland / Stream Crossing**



**Proposed Shared-Use Path in vicinity of Francis  
Horn Drive**



# Summary and Conclusions

The four alternative alignments described previously have been reviewed to rank the alternatives by their perceived viability. Geographical Information Systems (GIS) mapping, in addition to field observations have been utilized to identify the extent of impacts to open space, protected and conservation properties, and environmentally sensitive areas. In addition, estimated costs and safety criteria were reviewed for each alternative. *Table 1* summarizes, in matrix format, the attributes and impacts associated with each alternative alignment.

The results of this analysis indicate that Alternative 4A continues to provide the single most direct route that accomplishes the project's goal of connecting URI and surrounding neighborhoods to the South County Bike Path. This alignment is most compatible with surrounding recreational land uses in Potter Wood, utilizing an existing cleared trail. Right of way acquisition/easements would be required through Potter Wood.

In addition, Alternative 4B is a viable alternative. This alternative is consistent with the objectives of the proposed bike path, has the least impact to private right of way, and has few environmental impacts. Similarly, Alternative 4C is a viable alternative however, Alternative 4C has greater impacts to wetlands and right of way. Furthermore, there are grade concerns through an area of significant boulder outcropping through a wooded parcel.

The least viable of the alternative alignments reviewed is Alternative 4D. Alternative 4D meets the criteria outlined for this bikepath, however, there are significant wetland impacts through the Rhode Island Department of Environmental Management property. In addition, this alternative alignment provides an indirect connection, significantly longer than the existing on-road alternative.





# Appendix

1. Correspondence
2. CMAQ Project Proposal
3. Conceptual Cost Estimate
4. GIS Based Mapping



# Town of South Kingstown, Rhode Island

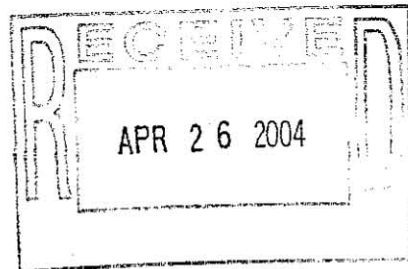
P. O. Box 31  
Wakefield, RI 02880-0031  
Tel. 401-789-9331  
Fax. 401-788-9792

## PLANNING DEPARTMENT

April 23, 2004

Rhode Island Department of Transportation  
ENVIRONMENTAL & INTERMODAL PLANNING  
Two Capitol Hill, Rm. 372  
Providence, RI 02903-1124

Attn: J. Michael Bennett, P.E.  
Deputy Chief Engineer



Re: URI / South County / Bike Path Connector

Dear Mr. Bennett, *Micks*

The Town is in receipt of the Bike Path Alternative Analysis for the above referenced project. Alternative 4 is in close proximity to significant residential areas and this corridor option has noteworthy merits from the Town's perspective. As you know, the Town has secured easements within two new residential developments that would be incorporated into the bike path connector. A portion of Alternative 4 would traverse Potter Woods between South Rd. and Biscuit City Rd. Potter Woods is owned by the Kingston Improvement Association (KIA). It would seem beneficial if the Town, RIDOT and KIA could meet to discuss the feasibility of Alternative 4. Town staff has discussed this matter with Steve Church of your office.

The KIA Executive Committee has scheduled its monthly meeting for May 10, 2004 at 7:00PM at the Tavern Hall on Rt. 138 in Kingston Village. The Town would request that representatives from RIDOT and VHB attend the meeting.

Your attention to this matter is appreciated. If you have any questions, please feel free to contact this office at 789-9331, ext. 245.

Sincerely,

Raymond T. Nickerson, AICP  
Principal Planner

cc. V. Murray, Dir. Of Planning  
J. Schock, Public Services Dir.  
File



KINGSTON  
IMPROVEMENT  
ASSOCIATION



P.O. Box 141  
Kingston, Rhode Island  
0 2 8 8 1

RECEIVED  
PLANNING BOARD

JUN 29 2004

101-11  
SOUTH KINGSTOWN

June 29, 2004

Final Vote Tally for a Bike Path

Ray Nickerson,

Summer is here and I believe I have received all the votes of my members on the question of a bike path.

The final tally as of this date is 102 votes against a bike path through Potter Wood and 3 votes for this bike path.

Many of the members did approve of the Peckham Farm bike path.

Please advise me of the public hearing as the members would like their say on this subject.

Sincerely,

Paul Reynolds, President  
Kingston Improvement Association

**K I N G S T O N  
I M P R O V E M E N T  
A S S O C I A T I O N**



P.O. Box 141  
Kingston, Rhode Island  
0 2 8 8 1

**A BIKE PATH through POTTER WOOD ???**

The town of South Kingstown is studying various possible bike paths in town with the intent to submit at least one for RIDOT funding in the Fall budget cycle. They have examined four possible bike paths ( SEE ATTACHED MAP ), but they would like to recommend either Alternative 4 or Alternative 3 for the next bike path in South Kingstown.

Alternative 4 would involve building a bike path through Potter Wood. They believe that this bike path would provide connectivity between the neighborhoods off South Road and the neighborhoods off Biscuit City Road as well as connecting to URI.

Alternative 3 would connect the main bike path to URI by passing through Peckham Farm.

Your executive committee met with town officials and RIDOT for a discussion of the impact to Potter Wood for such a bike path as Alternative 4.

We explained that there is an informal bike path through Potter Wood at present following the main trail, but it does not meet the Federal and State standards for an official bike path. The Town and RIDOT insisted that their design standards must be used for the new bike path. We asked if they could soften the impact to Potter Wood using a narrower right-of-way and a non paved surface. They explained that they could not relax the Federal design standards and that this bike path would look like the existing South County bike path.

We felt that such a bike path would be disruptive to the nature of Potter Wood and it would not add significantly to existing neighborhood access.

In addition we had a list of concerns or issues. (SEE ATTACHED)

We agreed that we would request an opinion of all KIA members for their preference of Alternative 3 or 4 as the next bike path in South Kingstown.

**PREFERENCE:**

Alternative 3 through Peckham Farm YES \_ NO \_ Comments

Alternative 4 through Potter Wood YES \_ NO \_ Comments

Other Ideas:

Please return your preference to KIA BOX 141 , Kingston R.I. 02881 or call Paul Reynolds at 789-5116.





## **AGENDA**

### **TOWN COUNCIL AND RI DEPARTMENT OF TRANSPORTATION PUBLIC INFORMATIONAL MEETING**

**WEDNESDAY, AUGUST 25, 2004**

**7:00 PM**

**TOWN COUNCIL CHAMBERS  
180 HIGH STREET  
WAKEFIELD, RI**

- 1 Discussion re: Bike Path – URI Connector and Phase III.
2. Other matters of interest and concern

\*\*\*\*\*

**NOTE: Individuals requesting interpreter services for the hearing impaired must call 792-9642 (TDD) seventy-two (72) hours in advance of the meeting date.**

**DATE POSTED: 8/19/2004**

# Greenways Alliance of Rhode Island

31 Stanchion Street, Jamestown, RI 02835  
web: [www.rigreenways.org](http://www.rigreenways.org)

401.423.2623

fax: 401.423.0942

August 29, 2004

Mr. J. Michael Bennett, P.E.  
Deputy Chief Engineer  
RI Department of Transportation  
2 Capitol Hill, Room 371  
Providence, RI 02903

Dear Mr. Bennett:

I would like to commend you on your presentation to the South Kingstown Town Council on Wednesday August 25, 2004, of the RIDOT projects connected with the South County Bike Path. In spite of the occasional confrontational and contentious questions and comments from some attendees, you maintained a sense of openness and dignity that fostered the cooperation and understanding that was present. I was impressed with your ability to stay focused on the basic issues that were being considered, and not get mired in extraneous details.

In particular, it was clear to me that your insight and overall perspective on the issues involved with using MacArthur Boulevard as part of the Phase III extension into Narragansett were reached after careful thought and consideration. We at GARI also fully support the alignment that utilizes the short MacArthur on-road section. As you know, most of the projects that DOT has successfully brought to completion had vocal detractors during the planning and implementation phases. You were able to show that the completion of the extension of the path to the Narragansett Town Beach and other shoreline attractions will provide a viable alternative to using our automobiles.

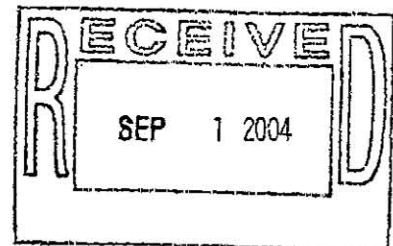
The additional health benefits that will accrue from this and other cycling/walking projects will provide payoffs for us and our children long into the future. As the nation begins to face the problems that obesity and sedentary lifestyles bring, Rhode Island will be able to stand among the proactive places where foresight and good planning prevailed.

Please feel free to contact GARI if we can be of help with these projects.

Very truly yours,



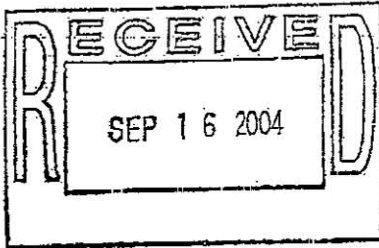
Richard F. Santopietro, PhD  
President





## Lorraine A. Horton

---



99 Stonehenge Road, Kingston, RI 02881  
Telephone and Fax 401-782-2078  
Email: LHorton@LHorton.com

September 13, 2004

South Kingstown Town Council  
High Street  
Wakefield, RI 02880

Dear Council Members,

After attending the Council meeting on August 25 to hear the DOT's discussion of bike paths in the Kingston area, I would like to heartily endorse the proposal to connect the bike path and nearby neighborhoods with URI. The bike path is a wonderful asset to our community, and all connections and extensions of the path will enhance its use.

I would like to stress the importance of connecting as many neighborhoods as possible with the URI Mackal/Keaney facility. As the parent of three children, I can't begin to count the times that my children have used those facilities – swim lessons, the tennis courts, gymnastics lessons, soccer practices, summer baseball camp, URI home football games, etc. And with the new Boss ice arena, there are now even more local parents driving their children to and from the Mackal/Keaney facilities daily. A safe bicycle route from home to that end of URI would be a tremendous asset to our community.

With that in mind, I do not believe that Alternatives 1, 2 or 3, as plotted by the DOT, add much in the way of connectivity. I strongly suggest the the DOT proceed with Alternative 4, but with the following changes and additions:

- Leave the Potter Wood path as it is (it is quite ridable for most bicycles and very enjoyable for foot use). Alternatively, I suggest that the Town pave the emergency connector between Enterprise Terrace and White Horn Drive. This would offer a route for for those on "skinny tire" bikes and roller bladers who need to stay on hard pavement.
- The Town owns a 50-foot wide right-of-way connecting the end of Francis Horn Drive to the state land in back of Peckham Farm and the graduate housing apartments. Serious consideration of this route

South Kingstown Town Council  
September 13, 2004  
Page Two

---

should be given in lieu of, or in addition to, the Ledgewood Road segment. Routing bike traffic via Enterprise Terrace, White Horn Drive, and Francis Horn Drive to URI would avoid the more heavily trafficked Biscuit City Road and the steeper hill on Ledgewood.

- From White Horn Drive and the Biscuit City area, we have direct and enjoyable access to the bike path through the Tefft Historic Park (owned by the S.K. Land Trust) off Berry Hill Lane. A rough walking trail exists now, and the Land Trust has plans to improve that path for bicycle use. The Town should work with the Land Trust to enhance, pave, and/or add signage to that existing path to increase neighborhood connectivity and bicycle routes to URI.

I strongly support any and all of the above options, and any other plans by DOT or the Town to add connector routes, either paved or unpaved, to our wonderful bike path.

Sincerely yours,

*Luciane Norton*

Mr. J. Michael Bennett, P.E.  
Deputy Chief Engineer  
RI Department of Transportation  
2 Capitol Hill, Room 371  
Providence, RI 02903





## STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Rhode Island Department of Transportation  
ENVIRONMENTAL & INTERMODAL PLANNING

Two Capitol Hill, Providence RI 02903-1124  
ENVIRONMENTAL PHONE (401) 222-2023  
INTERMODAL PHONE (401) 222-4203  
FAX (401) 222-2207 TDD (401) 222-4971

March 14, 2005

Mr. Stephen A. Alfred  
Town Manager  
Town of South  
180 High Street  
Wakefield, RI 02879

Re: URI/South County Bike Path Connector  
Alignment 4 Alternative Analysis  
RI FAP No: HPP 1827 (001)

Dear Mr. Alfred: *Steve*

We are submitting for your review and comment, two copies of the Alternative 4 analysis of the South County Bike Path/URI Connector study and development project. This alternative analysis was initiated at the Town's request following public discussion and comments received at the August 25, 2004 public information meeting sponsored by the Town, and attended by RIDOT and VHB staff. This additional work effort was the result of the Town's desire to analyze potential alternative bikeway alignments to avoid Potter Wood, owned by the Kingston Improvement Association (KIA). Also, a subsequent meeting to address the Town's ideas and concerns was held on September 10, 2004, attended by Ray Nickerson, John Schock, Steve Church of RIDOT and Scott D'Amelio of VHB.

We instructed VHB to complete an additional analysis based on the public information meeting and the September 10, 2004 meeting with Town officials. As the Town completes its review, please note that those alternatives, i.e., Alternative 4D, that include wetland impacts, may encounter significant permitting issues with the Department of Environmental Management (RIDEM).

Upon your review of this alternative analysis, we would like to schedule a meeting with you and Ray Nickerson to discuss the future progress of this project. Please contact myself or Steven Church to discuss this further. Once we have received any further comments from the Town we will finalize this report and that will complete the study and development phase of this project.

Sincerely,



J. Michael Bennett, P.E.  
Deputy Chief Engineer

Enclosure(s)

C/ Stephen A. Devine, Steven C. Church, w/out enclosure

# Correspondence

# CMAQ Project Proposal





# Town of South Kingstown, R.I.

00 FEB 16 AM 8:19

TOWN CLERK'S OFFICE

CLERK OF THE TOWN COUNCIL AND PROBATE COURT

Town Hall, 180 High Street  
Wakefield, Rhode Island 02879

Dale S. Holberton  
Town Clerk & Probate Clerk  
401-789-9331

At a REGULAR SESSION of the Town Council of the Town of South Kingstown, County of Washington, in the State of Rhode Island, held at the Town Hall, in and for said Town on the 14<sup>th</sup> day of February A.D., 2000 at 7:30PM.

PRESENT: Barbara Anne Hackey, President  
Karen Joy Asher, Vice President  
Gary L. Chapman  
Matthew J. McHugh  
Anna F. Prager

UNANIMOUSLY VOTED: to adopt the Town of South Kingstown's recommendations to the State of Rhode Island for the FY 2001-2002 Transportation Improvement Program (TIP) as shown on Exhibit 1 attached hereto.

A TRUE COPY

ATTEST:

Dale S. Holberton, CMC  
Town Clerk

**Town of South Kingstown**  
**Priority Recommendation for the 2001-2002 TIP**

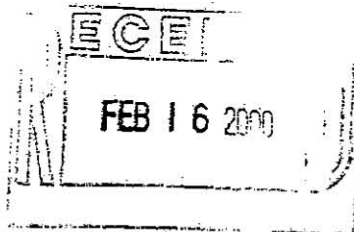
Category	Priority / Name of Project	Funding	Comments
Bridges Bicycle Paths & Highways	1. Rt. 138 Reconstruction (Rt. 2 to Rt. 108)	Study/Design & Construction	Design presently on-going
	2. Kingston / URI Circulation Improvements	Study/Design	New municipal request - Specific scope to be based on CTS recommendations
	3. Rt. 1 Median Road Cut Closures	Study/Design	New municipal request
	4. Bridge #177 and #178 Reconstruction	Study/Design & Construction	New municipal request
	5. Route 108 Reconstruction (Rt. 138 to Narragansett)	Study/Design	Re-surfaced in 1999; S & D eliminated from TIP by RIDOT
	6. High Street Reconstruction	Study/Design	New municipal request
	7. So. County Bike Path (Phases II & III)	Study/Design	Phase II Preliminary design on- going
	8. So. County Bike Path / URI Connector	Study/Design	New municipal request - also submitted as CMAQ project
	9. Potter Pond Bridge	Construction	Final design complete
	10. Woodruff Avenue	Study/Design	New municipal request
	11. Routes 1 & 4	Construction	Final design complete
	12. Ministerial Road Reconstruction	Study/Design	Design based on MRPA endorsed plan, dated 6/14/95
Enhancement	1. Factory Pond Runoff	Construction	Design complete; no construction to date
	2. Saugatucket River Greenway	Study/Design	Preliminary design on-going
	3. Downtown Intermodal Park	Study/Design	Funding approved for design; no design work initiated to date
CMAQ	1. So. County Bike Path / URI Connector	Study/Design	New municipal request - specific scope to be based on CTS recommendations
	2. RIPTA / URI Bus Service	N / A	New municipal request - expanded service requested to service URI



# Town of South Kingstown, Rhode Island

P.O. Box 31  
Wakefield, RI 02880-0031  
Tel. 401-789-9331

PLANNING DEPARTMENT



February 15, 2000

CMAQ Program  
Intermodal Transportation Division, Room 372  
RI Department of Transportation  
Two Capitol Hill  
Providence, RI 02903-1124

Re: Town of South Kingstown CMAQ Proposal

To Whom It May Concern:

Please find enclosed five (5) copies of the Town of South Kingstown's proposal for funding under the CMAQ program for FY 2001-2002. This project is entitled South County Bike Path / URI Connector. A resolution passed by the South Kingstown Council on February 14, 2000 endorsing this proposal is also enclosed. Finally, I have attached a letter of endorsement for this project from the University of Rhode Island.

If there is any further information you require, please call me directly at 789-9331 Ext. 244. The Town is looking forward to working with you on this very important project.

Sincerely,

*Anthony W. Lachowicz*  
Anthony W. Lachowicz  
Director of Planning

Encl.

C: Stephen A. Alfred, Town Manager





# Town of South Kingstown, R.I.

TOWN CLERK'S OFFICE

CLERK OF THE TOWN COUNCIL AND PROBATE COURT

Town Hall, 180 High Street  
Wakefield, Rhode Island 02879

Dale S. Holberton  
Town Clerk & Probate Clerk  
401-789-9331

At a REGULAR SESSION of the Town Council of the Town of South Kingstown, County of Washington, in the State of Rhode Island, held at the Town Hall, in and for said Town on the 14<sup>th</sup> day of February A.D., 2000 at 7:30PM.

PRESENT: Barbara Anne Hackey, President  
Karen Joy Asher, Vice President  
Gary L. Chapman  
Matthew J. McHugh  
Anna F. Prager

UNANIMOUSLY VOTED: to authorize the submission of an application for funding of the South County Bike Path / URI Connector Project in the amount of \$850,000 to the RI Department of Transportation's Congestion Mitigation and Air Quality (CMAQ) Improvement Program under the FY 2001-2002 Transportation Improvement Program (TIP).

A TRUE COPY

ATTEST:

Dale S. Holberton, CMC  
Town Clerk

PROPOSAL DEADLINE FEBRUARY 14, 2000  
Rhode Island Department of Transportation  
Congestion Mitigation and Air Quality Improvement Program  
Project Proposal Form

1. Name and Address (City, Town)  
Town of South Kingstown  
180 High Street, Wakefield, RI 02879

2. Point of Contact  
(include Title, Daytime Telephone)  
Anthony W. Lachowicz  
Director of Planning 789-9331 X244

3. CMAQ Activity (See Brochure)  
Circle all that apply

1	2	3	4	5	6
7	(8)	9	10	11	12
13	14	15	16	17	

4. Project Title, Limits and Description  
\* Project Title  
South County Bike Path/URI Connector

\* Project Limits  
Wakefield to Kingston (entirely within  
the Town of South Kingstown)

\* Project Description  
(Attach additional sheets, if necessary)  
See attached sheet

5. Priority Number for this Project (Circle)

(1) 2 3

6. Future Maintenance  
\* List the responsible agency or group that will maintain the project upon completion.  
Town of South Kingstown

7. Total Estimated Project Cost

\$ 1,141,500

A) Total amount requested under the CMAQ Program

\$ 350,000

B) Local, Non-Federal Share (20% of Total Cost)

\$ \_\_\_\_\_

or

\* Proposed In-Kind Contribution (include the cost of project sponsor labor and/or materials to be used during implementations.

\$ 291,500

*7A + 7B must equal Total Estimated Project Cost*

8. The seventeen CMAQ Project Categories all fall within one of the illustrative project types below. Please select a project type that most nearly resembles the project for which you are proposing and provide the information listed in the Table entitled Need To Know for the project type selected.

PROPOSAL DEADLINE FEBRUARY 14, 2000

Pedestrian Facilities & Programs

Funding Dollars	
Auto Trips (T) eliminated	
Length (L) of Auto Trips Eliminated	
Weeks in use (W)	
Adjustment for Auto Access Trips to Transit, Vanpools & Carpools	

Please Explain:

A) The direct, and quantifiable, effect the proposed project has on reducing emissions.  
See Attached

B) The significance of the Project.  
See Attached

C) The impact of the proposed project.  
See Attached

D) Estimated timetable once project is approved and authorization is given.  
See Attached

Application Deadline: FEBRUARY 14, 2000

9 Signature

*Barbara Anne Hackey*

\*Chief Elected Official Barbara Anne Hackey, Pres.  
Town Council

Date of Submittal:  
February 11, 2000

\* If Submitted by a city, town, or agency.

10. Mailing Address and Technical Assistance  
For technical assistance in the proposal process, you may contact Mr. Thomas J. Queenan by telephone at 272-4203 ext. 4239. Please mail your completed application to the following address:

Rhode Island Department of Transportation  
CMAQ Program  
Intermodal Transportation Division, Room 372  
Two Capitol Hill  
Providence, RI 02903

*We would like to acknowledge the California Environmental Protection Agency-Air Resources Board and Caltrans for providing "Methods to find the Cost-Effectiveness of Funding Air Quality Projects." This valuable document is the source of our Project Typology and methodology for calculating air quality benefits.*



**CMAQ APPLICATION  
Project Proposal Form**

**ATTACHMENT  
TOWN OF SOUTH KINGSTOWN  
SOUTH COUNTY BIKE PATH / URI CONNECTOR  
FEBRUARY 2000**

**Name and Address**

1. **Town of South Kingstown**  
Town Hall  
180 High Street  
Wakefield, RI 02880

2. **Point of Contact:**  
Anthony W. Lachowicz, Director of Planning  
Town of South Kingstown  
PO Box 31  
Wakefield, RI 02880

401 - 789-9331 x244  
FAX: 401-789-5280  
E-Mail: fltsk@netsense.net

3. **CMAQ Activity: #8 – Bicycle & Pedestrian Facilities Programs**

4. **Project Title, Limits & Description**

**Title**

South County Bike Path / URI Connector

**Project Limits**

From South County Bike Path in Wakefield to URI in Kingston. The project is located entirely within the Town of South Kingstown.

**Project Description**

**Background**

This application seeks funding to construct a bike path between the University of Rhode Island Kingston Campus and the South County Bike Path, in the Town of South Kingstown. At the present time, the Town and the University are cooperating with the Rhode Island Department of Transportation to prepare short and long-range traffic and transportation improvements for the Kingston / URI area. These improvements are currently under review by all three agencies as part of the University's Campus Master Plan studies, planning for the University's proposed Convocation Center and Ice Rink and the Department of Transportation's proposed Reconstruction of Route 138.

The Town and State have jointly sponsored an engineering feasibility study to construct a new bike path connector as described above. BETA Engineering of Lincoln, RI has been retained to conduct this study, called the Comprehensive Transportation Study (CTS) for the Kingston-URI Regional Area.

Their Study is due to be completed in the Spring 2000. This study involves an examination of the area between the URI campus and the South County Bike Path and will evaluate potential "corridors" for the construction of one or more connector bike path(s). Please refer to the attached project area map prepared by BETA.

The study will review current land ownership patterns, environmental constraints, traffic safety issues, etc. and will make detailed recommendations for construction, with associated cost estimates. This study will not, however involve the preparation of construction drawings, or application for environmental permits, or construction funding. This application for funding under the CMAQ Program includes funding for the latter.

#### Description

Preliminary studies completed by BETA Engineering have identified the following preferred corridor for the URI Connector Bicycle Path. Minor modifications to this corridor may be necessary after more detailed analysis has been completed.

The project begins at Phase 1 of the South County Bike Path in the vicinity of South Kingstown Junior High School. A separated (Class 1) Bikeway would be constructed from the South County Bike Path across Town-owned property at South Kingstown Junior High School and adjacent playfields. A bikeway has already been partially constructed on this property by the Town, although a connector path, along with signage and other improvements may be necessary at this location. Segment Length: 2,875 feet

Proceeding northerly from the Junior High property, the proposed bikeway would cross two privately owned parcels of land. Both parcels have been proposed for subdivision development and are being currently reviewed by the Planning Board (February 2000). It is anticipated that the Planning Board will require the dedication of a right-of-way or a dedication of land in fee simple to accommodate the bikeway. Segment Length: 2,250 feet

The bikeway would then cross South Road and enter Potter Memorial Wood, property that is owned by the Kingston Improvement Association, a private community organization. It is anticipated that a right of way or fee simple acquisition of land for bikeway construction can be obtained as a donation/gift from this organization.

Segment Length: 2,375 feet

West of Potter Memorial Wood, the bikeway would follow Biscuit City Road to LedgeWood Drive, both Town streets. Construction along these segments of roadway would be Class 2 bicycle facilities. Limited widening, regrading, landscaping and other construction work would be required to bring these residential streets to accept safe bicycle use.

Segment Length: 1,500 feet

After LedgeWood Drive, the bicycle path would again cross property owned by the Kingston Improvement Association. The path would revert back to a Class 1 facility in this location. A wetland crossing is anticipated in this area.

Segment Length: 625 feet

At this point, the bike path would enter State-owned property in the vicinity of the University Village Apartments and Peckham Farm on Route 138. A second stream crossing is required at this location. A signalized highway crossing at Route 138 must also be located and designed in coordination with the reconstruction of Route 138 and the University Campus Master Plan. The bicycle path corridor terminates at Route 138. The University of Rhode Island would be responsible for extensions of the bicycle path on campus.

Segment Length: 2,125 feet

Total Estimated Project Length: 11,750 feet (2.2 miles)

5. Priority Number for this Project: #1
6. Future Maintenance: The Town of South Kingstown will enter into a Construction & Maintenance Agreement with the RI Department of Transportation similar to the C&M Agreement already in place for the South County Bike Path. Essentially, the Town will assume responsibility for minor routine maintenance and to regulate the bicycle facility. The State will assume responsibility for traffic signals on State and/or local highways and capital repairs to the bridge structures (if any).
7. Total Estimated Project Cost:
  - A. Total Amount Requested under the CMAQ Program: \$850,000
  - B. Local, Non-Federal Share (20% of Total Cost): N/A
  - C. Proposed In-Kind Contribution (include the cost of project sponsor labor and/or materials to be used during implementation): *See below*

Preliminary Construction Cost Estimates

Separated (Class 1) Bike Path 7375 ft. @ \$65/ft. =	\$479,375
Shared - Roadway (Class 2) Bikeway 1500 ft. @ \$20/ft. =	30,000
Stream Crossing (Box Culvert) 2 @ \$50,000 =	100,000
Streetscape enhancement (Biscuit City & Ledge wood)	50,000
Connector @ Junior High Playfields	<u>75,000</u>
Sub-Total	\$734,375
Engineering, Permitting & Contingency @15%	<u>\$110,156</u>
Total	\$844,531 Say \$850,000

Proposed In-Kind Contribution: The Town will provide assistance in overall project management; coordination with State and University of Rhode Island officials; public participation and publicity; GIS mapping for the project area; data base sharing including property ownership, and coordination with current or future property owners and/or subdivisions along the bike path corridor.

The Town, through its Planning Board, will require the dedication of sufficient land or rights-of-way for bikeway construction across privately owned land subject to subdivision review. The Town will act as the lead in negotiating with the Kingston Improvement Association regarding the bikeway crossing at Potter Memorial Wood. The Town will also coordinate with the University of Rhode Island and its consultants for the Convocation Center design and the URI Campus Master Plan; and review of Bike Path design for on-campus areas.

<u>Town In-Kind Service</u>	Planning Director: 400 hours @ \$34.89/hr = \$13,956
	Principal Planner: 200 hours @ \$23.86/hr = 4,772
	GIS Administrator: 35 hours @ \$27.13/hr = 950
	Town Engineer: 100 hours @ \$26.96 = 2,696
	Senior Planner: 35 hours @ \$21.90/hr = 767
	Secretarial: 35 hrs @ \$14.37/hr = <u>503</u>
	Sub-Total \$23,643
	Misc. supplies, travel, etc. <u>1,357</u>
	Total In-Kind Town Contribution \$25,000



### Land Value Contribution

A major component of this proposal is the ability of the Town to coordinate acquisition of the land area necessary to construct this bicycle facility. It is estimated that 100 percent of the 2.2-mile corridor will be obtained from the following sources:

- dedication of Town-owned land at the Junior High Playfields;
- privately-owned land being subdivided will be dedicated to the Town as part of the subdivision process;
- private land under the ownership of the Kingston Improvement Association will be donated for public bicycle use;
- land owned by the State of Rhode Island at URI/Peckham Farm will be dedicated for bicycle use.

The total land required for construction of this facility, assuming a 40-foot wide right of way is 10,250 ft. x 40 ft. = 410,000 sq. ft. This is exclusive of the length of Town-owned streets. Estimated land values in this area range from \$65 / sq. ft. to over \$100 / sq. ft. This proposal requests that the value of land dedication from public and private sources be considered an eligible in-kind contribution for the purposes of this application. A preliminary land value estimate of \$266,500 is included for the purposes of this proposal (\$65/sq. ft.).

### **8. Need To Know**

#### **A. The direct, and quantifiable, effect the proposed project has on reducing emissions.**

*"Bicycle usage results in reduced air pollution emissions and fuel consumption when the bicycle is used as an alternative to the automobile, reducing vehicle miles of travel" — Transportation Element of the State Implementation Plan for Air Quality (May 1981).*

The scope of this proposal does not include a quantifiable measurement of reduction of emissions. The Town of South Kingstown and University of Rhode Island have, however, agreed to promote the use of bicycles as an alternative to the automobile. Traffic volumes in the area indicate ADT on Route 138 in Kingston are at 15,700 vehicles per day at Keaney Gym, and exceed 23,000 vehicles per day near Upper College Road. Much traffic congestion occurs during morning and afternoon peaks. Bicycle use to and from nearby population centers such as Kingston, Peace Dale and Wakefield would reduce air pollution emissions created by almost exclusive dependence on the automobile in the area.

#### **B. The significance of the Project.**

*The University of Rhode Island should build on its reputation as a center for excellence in environmental education by seeking every opportunity to create a 'green' campus, to put into practice in the physical environment the ideals developed in the classroom, in the laboratory, and in the field." — University of Rhode Island Kingston Campus Master Plan (January 26, 2000).*

This proposal to link the South County Bike Path with the Kingston/URI area will permit the Town and University to "grow smart" by providing a balanced, environmentally friendly mix of transportation alternatives.

#### **C. The impact of the proposed project.**

Over the past four decades, the Kingston / URI area has been the focus of a number of detailed transportation studies including the I-895 Relocated Route 138 EIS, Supplemental EIS for the URI Connector Road, a Traffic Needs Assessment for Route 138 between Route 2 and Route 1, the Route 138 Collaborative Planning Committee, and others. All of these studies endorse the use of bicycles as an alternative to the

automobile. If constructed, the Bike Path will provide a direct bicycle link to/from the following locations: Kingston Train Station; URI/Kingston; Wakefield and Peace Dale and Narragansett. This project will provide opportunities for bicycle travel at the State's largest public institution of higher learning and the surrounding area. South Kingstown, as one of the most rapidly growing areas of the State must develop viable alternatives to automobile use in order to preserve the character of the area and remain a livable community.

D. Estimated timetable once project is approved and authorization is given

Design: 6-8 months

Environmental Permitting: 6 months

Advertising for Construction Bids: 3-4 months

Construction Period: 18 months

Total : 33-36 months



UNIVERSITY OF  
RHODE ISLAND

February 14, 2000

Rhode Island Department of Transportation  
CMAQ Program  
Intermodal Transportation Division, Room 372  
Two Capitol Hill  
Providence, RI 02903

Re: Town of South Kingstown CMAQ Proposal

To Whom It May Concern:

The University of Rhode Island supports and endorses the proposal submitted by the Town of South Kingstown for funding under the CMAQ Program for the South County Bike Path / URI Connector. This bicycle facility will provide a very desirable transportation alternative for University students, faculty and staff, and is fully consistent with the University's Master Plan for the Kingston Campus.

Thank you for your favorable consideration of this request.

Sincerely,

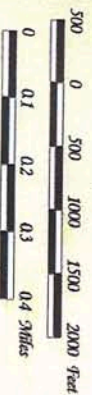
Kathleen M. Mallon  
Director, Strategic Planning & Institutional Research

C: Anthony W. Lachowicz, Director of Planning, Town of South Kingstown



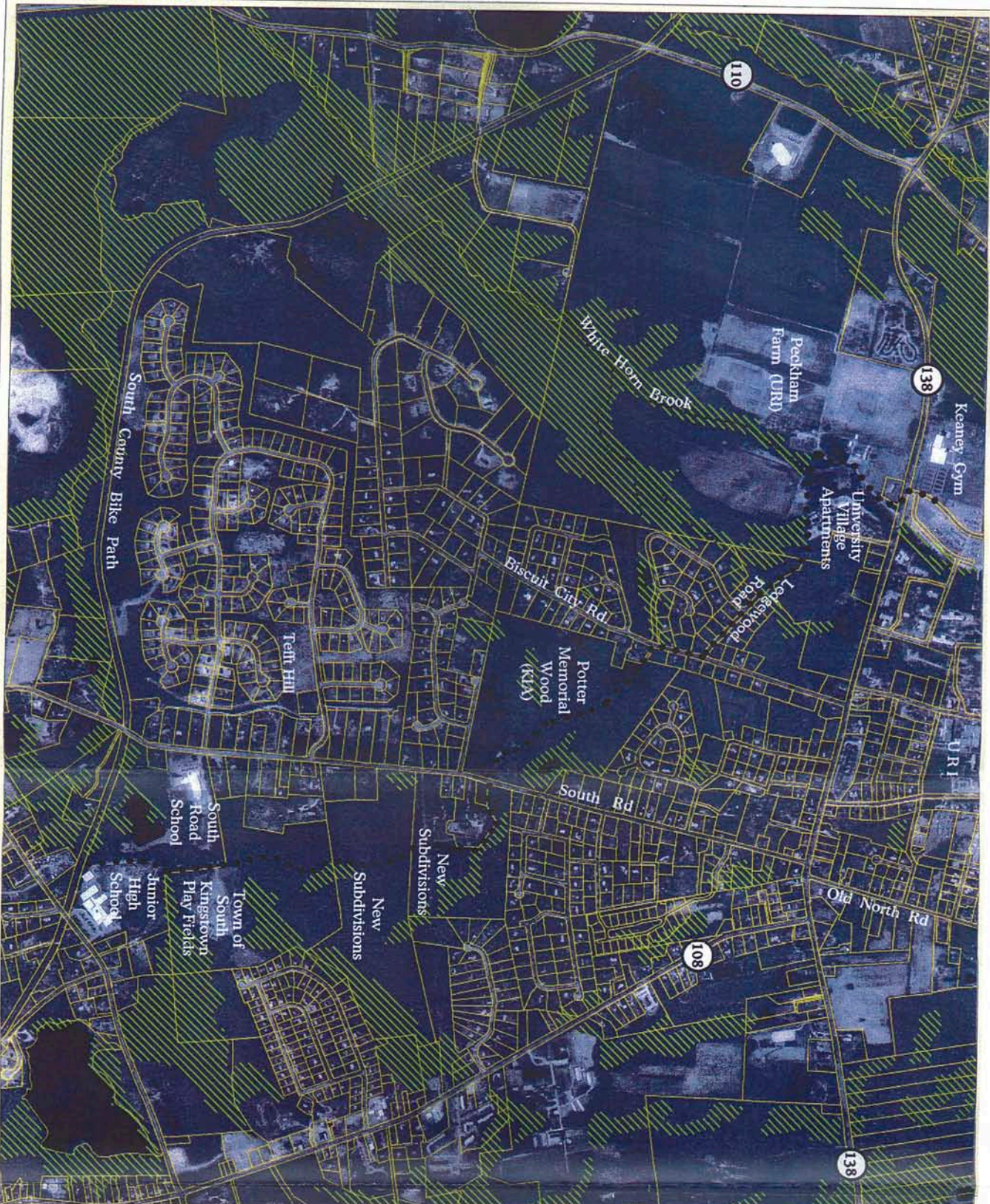
# Town of South Kingstown SOUTH COUNTY BIKE PATH / URI CONNECTOR

February 2000



Scale 1 : 12,000  
One inch = 1000 feet

Source of Data:  
Parcels: April 1999 Tax Assessor Maps,  
1:200 and 2400 scale  
Aerial Photograph: USGS Digital Orthophoto  
Quadrangles, 12000 Scale, flown March 1995  
Wetlands: Rhode Island Geographic Information  
System, 24000 Scale: for Planning  
Purposes Only





# Conceptual Cost Estimate

---

### Cost Estimate Summary

Alignment	Total Length (miles)	Est. Cost (\$)
Alternative 4A	2.2	\$1,091,494
Alternative 4B	3.1	\$1,350,497
Alternative 4C	2.9	\$1,174,225
Alternative 4D	3.2	\$2,339,500

---



ITEM	QUANTITY	UNIT COST	COST
<b>A. PAVEMENT</b>			
<b>2600 New Multi Use Path (ft) (minus 300 ft. of boardwalk)</b>			
1. Bituminous Concrete	640 T	70 00	\$44,772
2. Subbase	801 CY	15 00	\$12,012
3. Furnishing Topsoil and seeding	2,886 SY	5 00	\$14,430
5. Stone Dust	96 CY	30 00	\$2,886
6. Earthwork	1,219 CY	10 00	\$12,194
7 Subgrade Formation	1,156 SY	2 00	\$2,311
SUBTOTAL			\$88,605
<b>0 Upgrade Existing Bike Facilities at Athletic Fields</b>			
1. Bituminous Concrete	0 T	70 00	\$0
2. Subbase	0 CY	15 00	\$0
3. Furnishing Topsoil and seeding	0 SY	5 00	\$0
5. Stone Dust	0 CY	30 00	\$0
6. Earthwork	0 CY	10 00	\$0
7 Subgrade Formation	0 SY	2 00	\$0
SUBTOTAL			\$0
<b>500 Upgrade Sidewalk</b>			
1. Replace Existing Sidewalk-Biscuit City Road	2500 SF	5 00	\$12,500
SUBTOTAL			\$12,500
<b>2300 Shared Use Path Through Potter Wood (stone dust path)</b>			
5. Stone Dust	298 CY	30 00	\$8,944
6. Earthwork	298 CY	10 00	\$2,981
SUBTOTAL			\$11,926
<b>TOTAL COSTS</b>			<b>\$113,031</b>
<b>B. STRUCTURES</b>			
1. Structure at Route 138	1 LS	62,000.00	\$62,000
2. Timber Boardwalk west of Springdale Drive	1 LS	350,000.00	\$350,000
SUBTOTAL			\$412,000
<b>TOTAL COSTS</b>			<b>\$412,000</b>
<b>C. DRAINAGE</b>			
SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$0</b>
<b>D. OTHER FEATURES</b>			
1. Privacy Screening	0 LF	100.00	\$0
2. Sedimentation Control	5,370 LF	4 00	\$21,480
3. Split Rail Fence	500 LF	16 00	\$8,000
4. Sidewalk	0 SF	9.15	\$0
5. Traffic Pedestrian Signal	1 LS	20,000.00	\$20,000
6. Chain Link Fencing	0 LF	16 00	\$0
7. Tack Coat	206 Gal	5 37	\$1,108
8. Crosswalk Treatment	5 LS	5,000.00	\$25,000
9. Landscaping	1 LS	20,000.00	\$20,000
SUBTOTAL			\$95,588
<b>TOTAL COSTS</b>			<b>\$95,588</b>
<b>E. MINOR ITEMS</b>	20%		<b>\$124,124</b>
<b>SUMMARY OF COSTS</b>			
SUBTOTAL CONTRACT ITEMS			\$744,742
LUMP SUM ITEMS			
Clearing and Grubbing	2%	14,895	
M&P of Traffic	3%	22,342	
Mobilization	7.5%	55,856	
Construction Staking	2.0%	14,895	
Subtotal			\$107,988
SUBTOTAL CONTRACT ITEMS			\$852,730
INC DENTALS and CONTINGINC E	15%		\$127,909
ENGINEERING	10%		\$85,273
UTILIT ES	3%		\$25,582
<b>TOTAL COSTS</b>			<b>\$1,091,494</b>

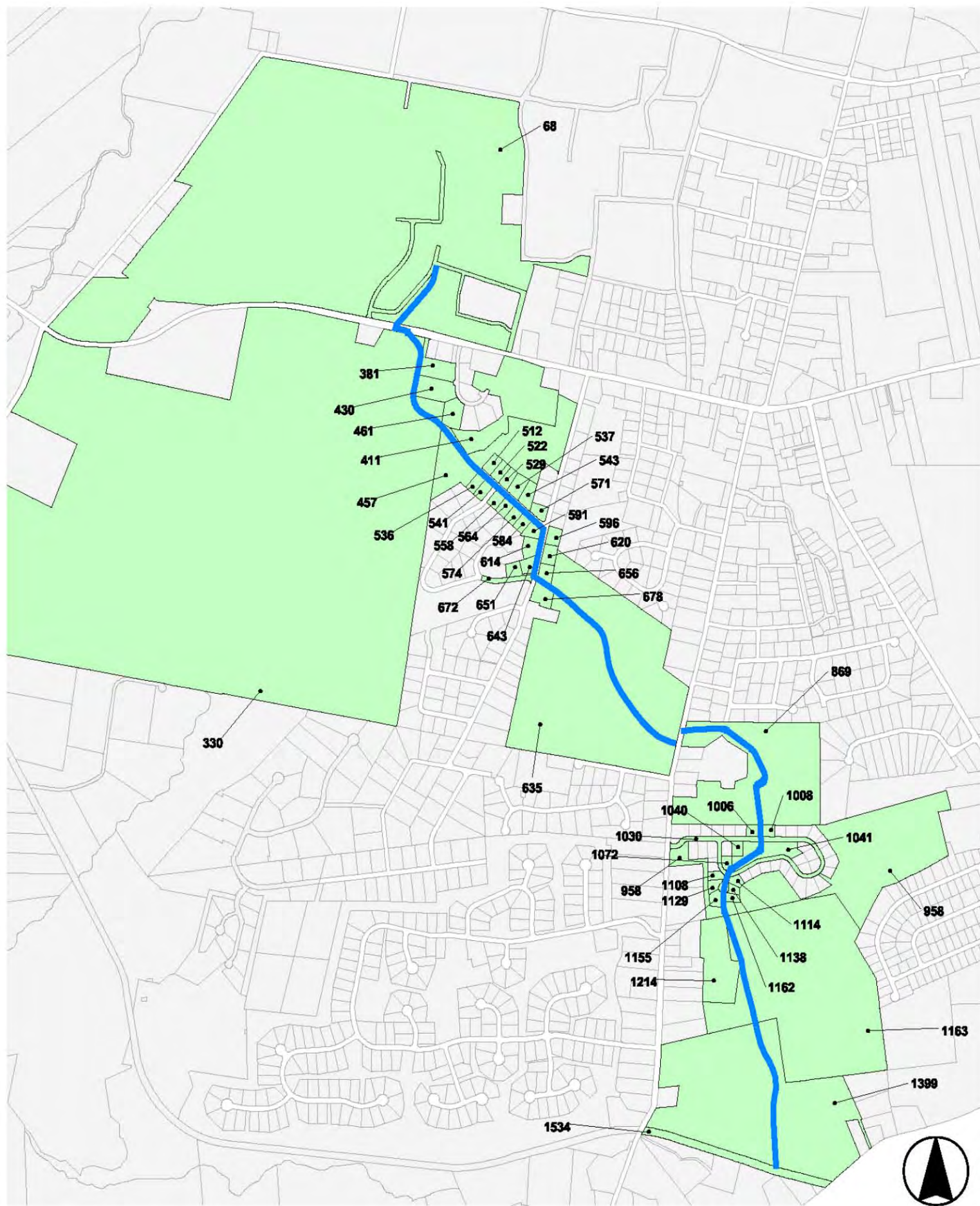
ITEM	QUANTITY	UNIT COST	COST
<b>A. PAVEMENT</b>			
<b>5370 New Multi Use Path (ft) (minus 300 ft. of boardwalk to Springdale)</b>			
1. Bituminous Concrete	1,321 T	70 00	\$92,471
2. Subbase	1,654 CY	15 00	\$24,809
3. Furnishing Topsoil and seeding	5,961 SY	5 00	\$29,804
5. Stone Dust	199 CY	30 00	\$5,961
6. Earthwork	2,519 CY	10 00	\$25,185
7. Subgrade Formation	2,387 SY	2 00	\$4,773
SUBTOTAL			\$183,004
<b>590 New Multi Use Path (ft) (beyond Springdale)</b>			
1. Bituminous Concrete	145 T	70 00	\$10,160
2. Subbase	182 CY	15 00	\$2,726
3. Furnishing Topsoil and seeding	655 SY	5 00	\$3,275
5. Stone Dust	22 CY	30 00	\$655
6. Earthwork	277 CY	10 00	\$2,767
7. Subgrade Formation	262 SY	2 00	\$524
SUBTOTAL			\$20,107
<b>1850 New Sidewalk</b>			
1. Replace Existing Sidewalk-Biscuit City Road/South Road	9250 SF	5 00	\$46,250
<b>1100 Upgrade Sidewalk</b>			
1. Replace Existing Sidewalk-Biscuit City Road	5500 SF	3 00	\$16,500
SUBTOTAL			\$62,750
<b>0 Shared Use Path Through Potter Wood (stone dust path)</b>			
	0 CY	30 00	\$0
	0 CY	10 00	\$0
SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$265,860</b>
<b>B. STRUCTURES</b>			
1. Structure at Route 138	1 LS	62,000.00	\$62,000
2. Timber Boardwalk west of springdale drive	1 LS	350,000.00	\$350,000
SUBTOTAL			\$412,000
<b>TOTAL COSTS</b>			<b>\$412,000</b>
<b>C. DRAINAGE</b>			
SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$0</b>
<b>D. OTHER FEATURES</b>			
1. Privacy Screening	0 LF	100.00	\$0
2. Sedimentation Control	5,960 LF	4 00	\$23,840
3. Split Rail Fence	600 LF	16 00	\$9,600
4. Sidewalk	0 SF	9.15	\$0
5. Traffic Pedestrian Signal	1 LS	20,000.00	\$20,000
6. Chain Link Fencing	0 LF	16 00	\$0
7. Tack Coat	295 Gal	5 37	\$1,586
8. Crosswalk Treatment	3 LS	5,000.00	\$15,000
9. Landscaping	1 LS	20,000.00	\$20,000
SUBTOTAL			\$90,026
<b>TOTAL COSTS</b>			<b>\$90,026</b>
<b>E. MINOR ITEMS</b>			
	20%		\$153,577
<b>SUMMARY OF COSTS</b>			
SUBTOTAL CONTRACT ITEMS			\$921,463
LUMP SUM ITEMS			
Clearing and Grubbing	2%	18,429	
M&P of Traffic	3%	27,644	
Mobilization	7.5%	69,110	
Construction Staking	2.0%	18,429	
Subtotal			\$133,612
SUBTOTAL CONTRACT ITEMS			\$1,055,076
INC DENTALS and CONTINGINC E	15%		\$158,261
ENGINEERING	10%		\$105,508
UTILIT ES	3%		\$31,652
<b>TOTAL COSTS</b>			<b>\$1,350,497</b>

ITEM	QUANTITY	UNIT COST	COST
<b>A. PAVEMENT</b>			
<b>2600 New Multi Use Path (ft) (minus 300 ft. of boardwalk to Springdale)</b>			
1. Bituminous Concrete	640 T	70 00	\$44,772
2. Subbase	801 CY	15 00	\$12,012
3. Furnishing Topsoil and seeding	2,886 SY	5 00	\$14,430
5. Stone Dust	96 CY	30 00	\$2,886
6. Earthwork	1,219 CY	10 00	\$12,194
7. Subgrade Formation	1,156 SY	2 00	\$2,311
SUBTOTAL			\$88,605
<b>710 New Multi Use Path (ft) (beyond Springdale)</b>			
1. Bituminous Concrete	175 T	70 00	\$12,226
2. Subbase	219 CY	15 00	\$3,280
3. Furnishing Topsoil and seeding	788 SY	5 00	\$3,941
5. Stone Dust	26 CY	30 00	\$788
6. Earthwork	333 CY	10 00	\$3,330
7. Subgrade Formation	316 SY	2 00	\$631
SUBTOTAL			\$24,196
<b>1850 New Sidewalk</b>			
1. Replace Existing Sidewalk-Biscuit City Road/South Road	9250 SF	5 00	\$46,250
<b>0 Upgrade Sidewalk</b>			
	0 SF		\$0
SUBTOTAL			\$46,250
<b>0 Shared Use Path Through Potter Wood (stone dust path)</b>			
	0 CY		\$0
	0 CY		\$0
SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$159,051</b>
<b>B. STRUCTURES</b>			
1. Structure at Route 138	1 LS	62,000.00	\$62,000
1A. Culvert crossing in Kingston SK Land Trust property	1 LS	10,000.00	\$10,000
2. Timber Boardwalk west of Springdale Drive	1 LS	350,000.00	\$350,000
SUBTOTAL			\$422,000
<b>TOTAL COSTS</b>			<b>\$422,000</b>
<b>C. DRAINAGE</b>			
SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$0</b>
<b>D. OTHER FEATURES</b>			
1. Privacy Screening	0 LF	100.00	\$0
2. Sedimentation Control	3,310 LF	4 00	\$13,240
3. Split Rail Fence	1100 LF	16 00	\$17,600
4. Sidewalk	0 SF	9.15	\$0
5. Traffic Pedestrian Signal	1 LS	20,000.00	\$20,000
6. Chain Link Fencing	0 LF	16 00	\$0
7. Tack Coat	143 Gal	5 37	\$768
8. Crosswalk Treatment	3 LS	5,000.00	\$15,000
9. Landscaping	1 LS	20,000.00	\$20,000
SUBTOTAL			\$86,608
<b>TOTAL COSTS</b>			<b>\$86,608</b>
<b>E. MINOR ITEMS</b>	20%		<b>\$133,532</b>
<b>SUMMARY OF COSTS</b>			
SUBTOTAL CONTRACT ITEMS			\$801,191
LUMP SUM ITEMS			
Clearing and Grubbing	2%	16,024	
M&P of Traffic	3%	24,036	
Mobilization	7.5%	60,089	
Construction Staking	2.0%	16,024	
Subtotal			\$116,173
SUBTOTAL CONTRACT ITEMS			\$917,364
INC DENTALS and CONTINGINC E	15%		\$137,605
ENGINEERING	10%		\$91,736
UTILIT ES	3%		\$27,521
<b>TOTAL COSTS</b>			<b>\$1,174,225</b>



ITEM	QUANTITY	UNIT COST	COST
<b>A. PAVEMENT</b>			
<b>5370 New Multi Use Path (ft) (minus 300 ft. of boardwalk to Springdale)</b>			
1. Bituminous Concrete	1,321 T	70 00	\$92,471
2. Subbase	1,654 CY	15 00	\$24,809
3. Furnishing Topsoil and seeding	5,961 SY	5 00	\$29,804
5. Stone Dust	199 CY	30 00	\$5,961
6. Earthwork	2,519 CY	10 00	\$25,185
7. Subgrade Formation	2,387 SY	2 00	\$4,773
SUBTOTAL			\$183,004
<b>1940 New Multi Use Path (ft) (beyond Springdale)</b>			
1. Bituminous Concrete	477 T	70 00	\$33,407
2. Subbase	598 CY	15 00	\$8,963
3. Furnishing Topsoil and seeding	2,153 SY	5 00	\$10,767
5. Stone Dust	72 CY	30 00	\$2,153
6. Earthwork	910 CY	10 00	\$9,099
7. Subgrade Formation	862 SY	2 00	\$1,724
SUBTOTAL			\$66,113
<b>350 New Sidewalk</b>			
1. Sidewalk South Road	1750 SF	5 00	\$8,750
<b>0 Upgrade Sidewalk</b>			
	0 SF		\$0
SUBTOTAL			\$8,750
<b>0 Shared Use Path Through Potter Woods (stone dust path)</b>			
5. Stone Dust	0 CY	30 00	\$0
6. Earthwork	0 CY	10 00	\$0
SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$257,867</b>
<b>B. STRUCTURES</b>			
1. Structure at Route 138	1 LS	62,000.00	\$62,000
2. Timber Boardwalk EAST of Springdale Drive	1 LS	583,333.33	\$583,333
2. Timber Boardwalk WEST of Springdale Drive	1 LS	350,000.00	\$350,000
SUBTOTAL			\$995,333
<b>TOTAL COSTS</b>			<b>\$995,333</b>
<b>C. DRAINAGE</b>			
SUBTOTAL			\$0
<b>TOTAL COSTS</b>			<b>\$0</b>
<b>D. OTHER FEATURES</b>			
1. Privacy Screening	LF	100.00	\$0
2. Sedimentation Control	7,310 LF	4 00	\$29,240
3. Split Rail Fence	500 LF	16 00	\$8,000
4. Sidewalk	350 SF	9.15	\$3,203
5. Traffic Pedestrian Signal	0 LS	10,000.00	\$0
6. Chain Link Fencing	0 LF	16 00	\$0
7. Tack Coat	295 Gal	5 37	\$1,586
8. Crosswalk Treatment	1 LS	5,000.00	\$5,000
9. Landscaping	1 LS	10,000.00	\$10,000
9. Retaining Wall	1 LS	20,000.00	\$20,000
SUBTOTAL			\$77,029
<b>TOTAL COSTS</b>			<b>\$77,029</b>
<b>E. MINOR ITEMS</b>	20%		<b>\$266,046</b>
<b>SUMMARY OF COSTS</b>			
SUBTOTAL CONTRACT ITEMS			\$1,596,274
LUMP SUM ITEMS			
Clearing and Grubbing	2%	31,925	
M&P of Traffic	3%	47,888	
Mobilization	7.5%	119,721	
Construction Staking	2.0%	31,925	
Subtotal			\$231,460
SUBTOTAL CONTRACT ITEMS			\$1,827,734
INC DENTALS and CONTINGINC E	15%		\$274,160
ENGINEERING	10%		\$182,773
UTILIT ES	3%		\$54,832
<b>TOTAL COSTS</b>			<b>\$2,339,500</b>

# GIS Based Mapping



Source: Town of South Kingstown, RI  
Geographic Information System

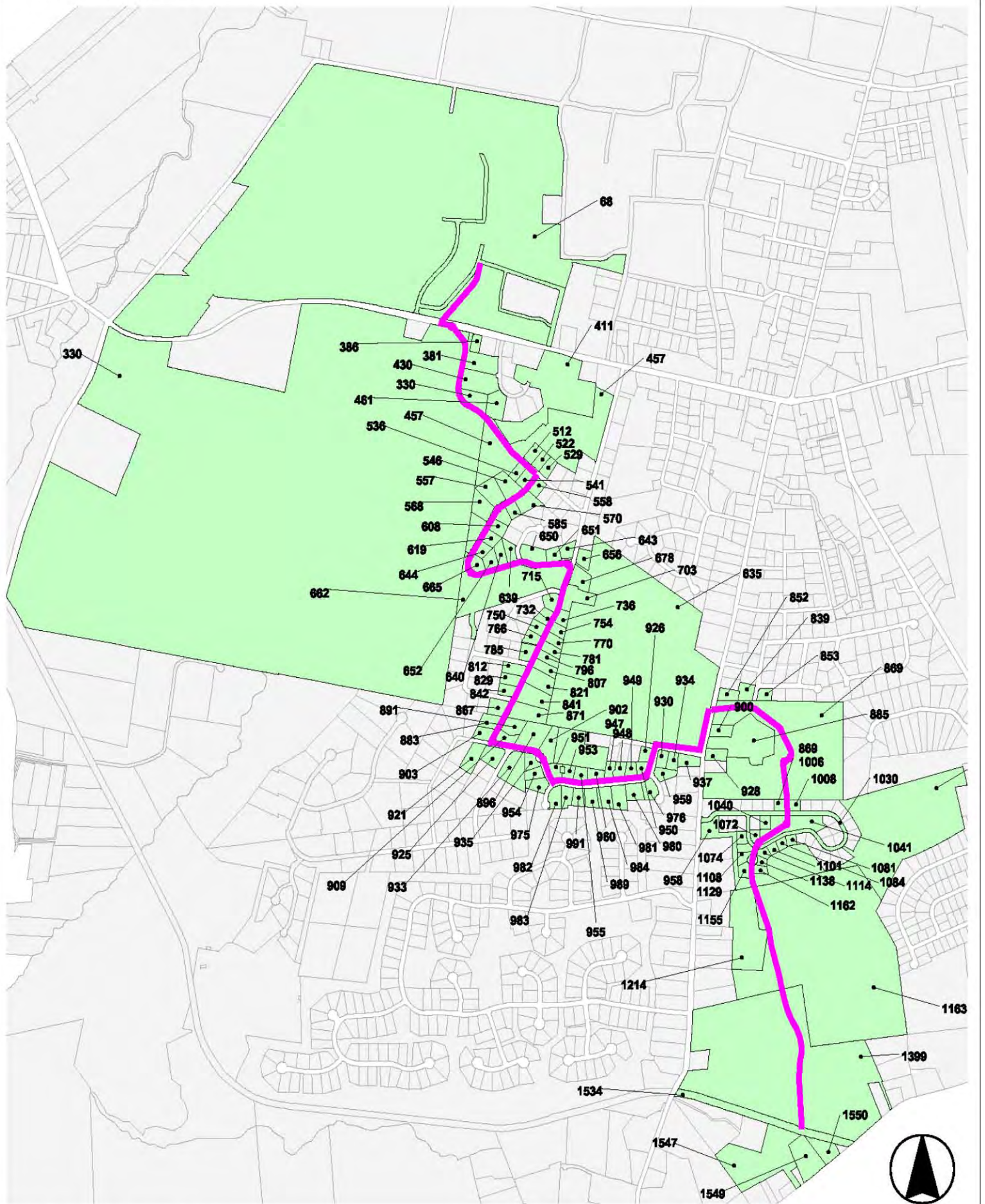
1000 0 1000 Feet

Vanasse Hangen Brustlin, Inc.

Adjacent Parcels  
Proposed Alignment 4A



Parcel #	Parcel ID	Plat	Lot	Lot Code	Acres	Addr. 1	Addr. 2	Addr. 3	Zip	XZip	Zone 1
68	872 23-1	1	LOT	LOT	187.9	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
135	1043 23-4	8	LOT	LOT	5.3	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
262	1311 23-4	6	LOT	LOT	10.0	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
330	1410 30	24	LOT	LOT	350.4	STATE OF RI DEPT OF DEM	235 PROMENADE ST	PROVIDENCE RI	02908	0000	GI
381	1515 23-4	9	LOT	LOT	1.8	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
411	16872 23-4	OS	OS	OS	10.8						
430	16664 23-4	10	LOT	LOT	2.0	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
457	1615 23-3	2	LOT	LOT	14.2	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
461	16667 23-4	13	LOT	LOT	1.2	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
512	1732 31-1	33	LOT	LOT	0.5	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
522	1751 31-1	32	LOT	LOT	0.5	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02888	6028	R20
529	1767 31-1	31	LOT	LOT	0.5	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
536	1783 31-1	34	LOT	LOT	0.5	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02888	6028	R20
537	1785 31-2	126	LOT	LOT	0.7	BERGAN, MARJORIE	A/K/A MARJORIE J CALDWELL	BOX 81	02881	0081	R20
541	1795 31-1	35	LOT	LOT	0.5	DAVIS, JOHN H	32601 BUFFALO PARK ROAD	EVERGREEN CO	80439	0000	R20
543	1800 31-2	127	LOT	LOT	0.7	STEIN, KAREN F TRUSTEE	PO BOX 1663	KINGSTON RI	02881	0488	R20
558	1827 31-1	30	LOT	LOT	0.5	SCOTT, JASON E & LISA A	121 BISCUIT CITY RD	KINGSTON RI	02881	1601	R20
564	1845 31-1	29	LOT	LOT	0.5	ROSBOTTOM, SUSAN J	42 LEDGEWOOD RD	KINGSTON RI	02881	0000	R20
571	1861 31-2	128	LOT	LOT	0.5	ENGLANDER, LARRY ETUX CAROL M	1 LEDGEWOOD RD	KINGSTON RI	02881	1501	R20
574	1869 31-2	125	LOT	LOT	0.5	WALTRIP, STEPHANI B	3761 NORTHEAST 16 TERR	OAKLAND PARK FL	33334	0000	R20
584	1889 31-2	124	LOT	LOT	0.5	WALTRIP, STEPHANI B	3761 NORTHEAST 16 TERR	OAKLAND PARK FL	33334	0000	R20
591	1913 31-2	123	LOT	LOT	0.6	WALTRIP, STEPHANI B	3761 NORTHEAST 16 TERR	OAKLAND PARK FL	33334	0000	R20
596	1924 31-2	111	LOT	LOT	0.6	STORM, CARLYLE B TRUSTEE	160 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
614	1957 31-2	121	LOT	LOT	0.8	WASH CITY ASSOC FOR RETARDED &	OTHER HANDICAPPED CITIZENS INC	P O BOX 56	02883	0056	R20
620	1977 31-2	112	LOT	LOT	0.6	REIFSTECK, DANIEL M & MEDELISE	180 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
635	1998 31-3	44	LOT	LOT	62.3	KINGSTON IMP ASSOC	C/O APRIL GILROY	130 LINDEN DRIVE	02881	0000	R20
643	2014 31-2	120	LOT	LOT	0.6	PERKINS, MARJORIE B	201 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
651	2030 31-2	119	LOT	LOT	0.6	LIPINSKI, DAVID J & GEETA	24 TURNERS AVE	ADAMS MA	01220	0000	R20
656	2036 31-2	113	LOT	LOT	0.6	LOSPALUTO, FRANK A ETUX	JUDIE C	204 BISCUIT CITY ROAD	02881	0000	R20
672	2077 31-2	NC	NC	NC	0.6						
678	2096 31-2	114	LOT	LOT	1.0	VINHATIERO, DENNIS ETUX JUNE	220 BISCUIT CITY ROAD	KINGSTON RI	02881	0000	R20
869	2484 31-3	70	LOT	LOT	28.0	MANTIS DEVELOPMENT LLC	2 ROCKY GUTTER RD	MIDDLEBORO MA	02346	0000	R30
956	16680 32-4	OS	OS	OS	29.6						
1006	16707 31-3	77	LOT	LOT	0.4	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1007	16708 31-3	BIKE	BIKE	BIKE	0.1						
1008	16709 31-3	78	LOT	LOT	0.3	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1030	16725 31-3	PRIVRD	PRIVRD	PRIVRD	3.8						
1040	16714 31-3	85	LOT	LOT	0.4	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1041	16715 31-3	OS	OS	OS	2.7						
1072	16712 39-2	97	LOT	LOT	0.3	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1108	16696 39-2	95	LOT	LOT	0.3	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1114	16691 39-2	90	LOT	LOT	0.3	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1129	16695 39-2	94	LOT	LOT	0.3	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1138	16692 39-2	91	LOT	LOT	0.2	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1155	16694 39-2	93	LOT	LOT	0.4	WALLER, JILL L	214 WINCHESTER DRIVE	WAKEFIELD RI	02879	0000	R30
1162	16693 39-2	92	LOT	LOT	0.3	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1163	2992 40-1	1	LOT	LOT	53.5	SOUTH KINGSTOWN, TOWN OF	P O BOX 31	WAKEFIELD RI	02880	0031	OS
1214	3062 39-2	12	LOT	LOT	6.3	GARDINER, STEPHEN J ETUX	PATRICIA M	1283 SOUTH ROAD	02879	0000	R30
1399	3368 39-3	20	LOT	LOT	50.2	JUNIOR HIGH & SOUTH RD SCHOOLS	C/O SCHOOL ADMINISTRATION	307 CURTIS CORNER RD	02879	2195	GI
1534	3589 39-3	BIKE	BIKE	BIKE	3.6						



Source: Town of South Kingstown, RI  
Geographic Information System

1000 0 1000 Feet

Vanasse Hangen Brustlin, Inc.

Adjacent Parcels  
Proposed Alignment 4B



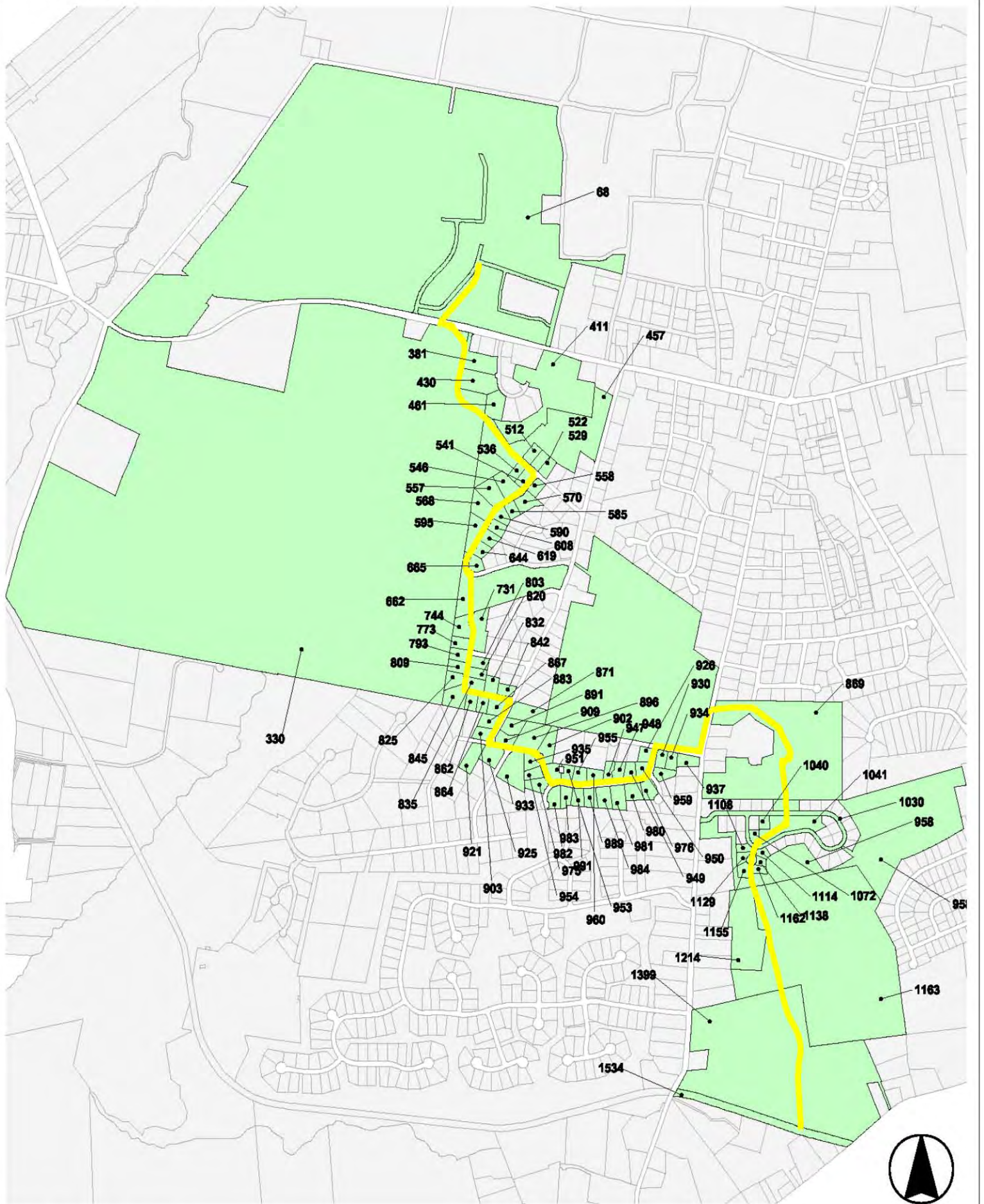
Parcel #	Parcel ID	Plat	Lot	Lot Code	Acres	Addr 1	Addr 2	Addr 3	Zip	XZip	Zone 1
68	872 23-1	1	LOT	LOT	187.94	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
135	1043 23-4	8	LOT	LOT	5.28	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
262	1311 23-4	6	LOT	LOT	9.99	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
330	1410 30	24	LOT	LOT	350.36	STATE OF RI DEPT OF DEM	235 PROMENADE ST	PROVIDENCE RI	02908	0000	GI
381	1515 23-4	9	LOT	LOT	1.80	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
386	1495 23-4	4	LOT	LOT	0.43	GOMEZ-POTTER, SOCORRO	2888 KINGSTOWN RD	KINGSTON RI	02881	0000	R20
411	16672 23-4	OS	OS	OS	10.76						
430	16664 23-4	10	LOT	LOT	1.98	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
457	1615 23-3	2	LOT	LOT	14.17	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
461	16667 23-4	13	LOT	LOT	1.24	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
512	1732 31-1	33	LOT	LOT	0.51	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
522	1751 31-1	32	LOT	LOT	0.51	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02888	6028	R20
529	1767 31-1	31	LOT	LOT	0.50	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
536	1783 31-1	34	LOT	LOT	0.47	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02888	6028	R20
541	1795 31-1	35	LOT	LOT	0.50	DAVIS, JOHN H	32601 BUFFALO PARK ROAD	EVERGREEN CO	80439	0000	R20
546	1806 31-1	36	LOT	LOT	1.08	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
557	1825 31-1	37	LOT	LOT	1.25	THOMAS, JOANN	PO BOX 1825	KINGSTON RI	02881	0000	R20
558	1827 31-1	30	LOT	LOT	0.49	SCOTT, JASON E & LISA A	121 BISCUIT CITY RD	KINGSTON RI	02881	1601	R20
568	1854 31-1	38	LOT	LOT	1.11	COX, DAVID N ETUX PATRICIA A	61 SPRINGDALE DRIVE	KINGSTON RI	02881	0000	R20
570	1860 31-1	28	LOT	LOT	0.87	QUINN, MARK T & STEPHANIE J	28 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
585	1890 31-1	27	LOT	LOT	0.48	LABELLE, RICHARD B ETUX	JOANNE C	40 SPRINGDALE DRIVE	02881	1504	R20
590	1910 31-1	26	LOT	LOT	0.52	SOUSA, DAYNE M	60 SPRINGDALE DRIVE	KINGSTON RI	02881	0000	R20
595	1923 31-1	39	LOT	LOT	1.05	WELLS, ROBERT E	81 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
608	1948 31-1	25	LOT	LOT	0.54	LOVESKY, DIEUDONN-EE M	70 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
619	1972 31-1	24	LOT	LOT	0.55	GROSS, IRA ETUX ALICE	88 SPRINGDALE DRIVE	KINGSTON RI	02881	1504	R20
635	1998 31-3	44	LOT	LOT	62.25	KINGSTON IMP ASSOC	C/O APRIL GILROY	130 LINDEN DRIVE	02881	0000	R20
639	2005 31-1	19	LOT	LOT	0.58	ALMAHAYNI, BADER	178 SPRINGDALE DRIVE	KINGSTON RI	02881	0000	R20
640	2007 31-1	20	LOT	LOT	0.57	GREBSTEIN, ELLEN J	170 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
643	2014 31-2	120	LOT	LOT	0.55	PERKINS, MARJORIE B	201 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
644	2015 31-1	23	LOT	LOT	0.47	KILMARTIN, LORI ANNE	100 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
650	2027 31-1	13	LOT	LOT	1.03	CROASDALE, WILLIAM III ET UX	JANICE H	37 CRESTWOOD DRIVE	02881	1507	R20
651	2030 31-2	119	LOT	LOT	0.55	LIPINSKI, DAVID J & GEETA	24 TURNERS AVE	ADAMS MA	01220	0000	R20
652	2031 31-1	21	LOT	LOT	0.56	GREBSTEIN, ELLEN J	170 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
656	2036 31-2	113	LOT	LOT	0.61	LOSPALUTO, FRANK A ETUX	JUDIE C	204 BISCUIT CITY ROAD	02881	0000	R20
662	2049 31-1	11	LOT	LOT	9.30	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
665	2058 31-1	22	LOT	LOT	0.52	SEATON, WILLARD F ETUX	MARY ANNE	112 SPRINGDALE DRIVE	02881	0000	R20
672	2077 31-2	NC	NC	NC	0.63						
678	2096 31-2	114	LOT	LOT	1.00	VINHATIERO, DENNIS ETUX JUNE	220 BISCUIT CITY ROAD	KINGSTON RI	02881	0000	R20
703	2147 31-2	115	LOT	LOT	1.39	SCHURMAN, BERNARD ETUX BERTHA	240 BISCUIT CITY ROAD	KINGSTON RI	02881	0000	R20
715	2177 31-2	118	LOT	LOT	0.60	ZIA, HOSSEIN ETUX POORAN	6 HIGGINS DRIVE	KINGSTON RI	02881	0000	R20
732	2225 31-1	10	LOT	LOT	0.53	BEASLEY, DORAL W ET AL	271 BISCUIT CITY ROAD	KINGSTON RI	02881	0000	R20
736	2233 31-2	116	LOT	LOT	0.45	BIRCH, DEAN A ET UX	SORIANO-BIRCH, DENISE	262 BISCUIT CITY RD	02881	1640	R20
750	2270 31-1	9	LOT	LOT	0.48	ARCANGELI, THOMAS P ETUX	BARBARA J	289 BISCUIT CITY ROAD	02881	0000	R20
754	2279 31-2	117	LOT	LOT	0.46	GAINES, ABNER J ETUX	ROSALYN B	280 BISCUIT CITY ROAD	02881	0000	R20
766	2315 31-1	40	LOT	LOT	0.47	PERRY, EDWARD JONATHAN ETUX	GERRALYN C	295 BISCUIT CITY ROAD	02881	0000	R20
770	2326 31-3	45	LOT	LOT	0.46	JOHNSON, DAVID G ETUX MARY ANN	290 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
781	2352 31-3	46	LOT	LOT	0.52	ROTTINGEN, GERHARD ETUX	GENEVIEVE	300 BISCUIT CITY ROAD	02881	0000	R20
783	2358 31-4	61	LOT	LOT	0.04	SOUTH KINGSTOWN, TOWN OF	P O BOX 31	WAKEFIELD RI	02880	0031	R20
785	2361 31-4	29	LOT	LOT	0.62	BLOOD, SUSANNAH H	7 NICHOLS RD	KINGSTON RI	02881	0000	R20



Parcel #	Parcel ID	Plat	Lot	Lot Code	Acres	Addr 1	Addr 2	Addr 3	Zip	XZip	Zone 1
796	2380 31-4	28	LOT	LOT	0.55	HILL, ROBERT B ETUX ISAKO	P O BOX 175	KINGSTON RI	02881	1617	R20
807	2397 31-4	27	LOT	LOT	0.66	ESTRIN, HARRIET & JOSEPH TRSTS	320 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
812	2407 31-4	35	LOT	LOT	0.66	SMITH, CHARLES I & MILLICENT L	TRUSTEES	20 NICHOLS RD	02881	1804	R20
821	2421 31-4	26	LOT	LOT	1.24	DIRLAM, JOEL B	330 BISCUIT CITY ROAD	KINGSTON RI	02881	1617	R20
829	2430 31-4	36	LOT	LOT	0.58	MAYNARD, NANCY E TRUSTEE	347 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
839	2444 31-3	38	LOT	LOT	0.66	WHITEHEAD, WILLIAM R ETUX	DEBRA L	11 LOCUST DRIVE	02881	0000	R20
841	2446 31-4	25	LOT	LOT	1.49	STOVER, WILHELMINA	352 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
842	2447 31-4	37	LOT	LOT	0.50	SWEET, MARIA	11 HELME RD	KINGSTON RI	02881	0000	R20
852	2461 31-3	39	LOT	LOT	0.59	PETERSON, JOHN F JR ETUX	MARY M	1491 SOUTH ROAD	02881	0000	R20
853	2462 31-3	24	LOT	LOT	0.46	ZUCKER, NORMAN L ETUX NAOMI J	25 LOCUST DRIVE	KINGSTON RI	02881	1713	R20
867	2481 31-4	49	LOT	LOT	0.76	GIBBS, GEOFFREY D ETUX SONA A	14 HELME ROAD	KINGSTON RI	02881	0000	R20
869	2484 31-3	70	LOT	LOT	28.04	MANTIS DEVELOPMENT LLC	2 ROCKY GUTTER RD	MIDDLEBORO MA	02346	0000	R30
871	2487 31-4	24	LOT	LOT	1.56	SURYANARAYAN, INDU TRUSTEE	370 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
883	2509 31-4	50	LOT	LOT	0.68	DATTA, DILIP K & RANIMA	393 BISCUIT CITY ROAD	KINGSTON RI	02881	1616	R20
885	2511 31-3	19	LOT	LOT	5.11	COSTELLO, DANIEL T	2 ROCKY GUTTER RD	MIDDLEBORO MA	02346	0000	R30
891	2518 31-4	23	LOT	LOT	0.83	WHITE, STEPHEN J	390 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
896	2525 31-4	22	LOT	LOT	1.88	SHILLING, GEORGE D ETUX	CAROLYN	5 STONEHENGE RD	02881	1815	R20
900	2530 31-3	68	LOT	LOT	0.69	GEABER, JOHN J ETUX DIANE D	PO BOX 5232	WAKEFIELD RI	02879	5232	R30
902	2535 31-4	20	LOT	LOT	1.14	SOUTH KINGSTOWN, TOWN OF	P O BOX 31	WAKEFIELD RI	02880	0031	GI
903	2536 31-4	51	LOT	LOT	0.61	HAAS, ROBERT S ETUX	THELMA B, TRUSTEES	45 STONEHENGE RD	02881	1816	R20
906	2540 31-3	47	LOT	LOT	4.16	PLYMESSER, KENNETH T ETUX	DIANE M	100 HERITAGE DRIVE	02881	1811	R20
909	2547 31-4	81	LOT	LOT	0.55	TIERNEY, CATHERINE F	21 STONEHENGE RD	KINGSTON RI	02881	0000	R20
921	2569 31-4	5	LOT	LOT	1.06	LESLIE, JAMES W ETUX	ELIZABETH C	50 STONEHENGE ROAD	02881	1816	R20
925	2574 31-4	6	LOT	LOT	0.96	JACKSON, NOEL ETUX VALERIE L	26 STONEHENGE RD	KINGSTON RI	02881	1818	R20
926	2575 31-3	52	LOT	LOT	0.49	GOLDMAN, TOBY B	60 HERITAGE DRIVE	KINGSTON RI	02881	1811	R20
928	2581 31-3	69	LOT	LOT	0.68	COLON, IVAN S & MALINDA M	1439 SOUTH RD	KINGSTON RI	02881	0000	R30
930	2585 31-3	13	LOT	LOT	0.50	GENTILE, BRUCE R & IRMA R	PO BOX 25845	EUGENE OR	97402	0000	R20
933	2590 31-4	15	LOT	LOT	1.97	NEUSE, MARJORIE C TRUSTEE	16 SPRING HILL RD	KINGSTON RI	02881	0000	R20
934	2592 31-3	14	LOT	LOT	0.49	HANSON, RICHARD E & ALMA G	30 HERITAGE DRIVE	KINGSTON RI	02881	1810	R20
935	2596 31-4	16	LOT	LOT	0.53	STEELE, CARLTON L ETUX	CYNTHIA A	24 VENTURA CIRCLE	02881	1820	R20
937	2600 31-3	15	LOT	LOT	0.69	SHORTEN, ROBERT H ETUX	LIANE M	10 HERITAGE DRIVE	02881	0000	R20
947	2621 31-3	56	LOT	LOT	0.48	SIRHAL, ROBERT J ETUX SALLIE W	79 ENTERPRISE TERRACE	KINGSTON RI	02881	1821	R20
948	2622 31-3	55	LOT	LOT	0.57	NARASIMHAN, SEETHARAMA L ET UX	VETHANAYAKI	63 ENTERPRISE TERRACE	02881	1821	R20
949	2623 31-3	54	LOT	LOT	0.51	SHEN, SHI-JUN ETUX MING-CHU	51 ENTERPRISE TERRACE	KINGSTON RI	02881	0000	R20
950	2624 31-3	53	LOT	LOT	0.52	LITTLE, JOSEPH T JR ETUX	PATRICIA M	31 ENTERPRISE TERRACE	02881	0000	R20
951	2629 31-3	61	LOT	LOT	0.62	COFONE, CHARLES J ETUX	JUDITH SWIFT	7 VENTURA CIRCLE	02881	1820	R20
953	2635 31-3	59	LOT	LOT	0.49	HOWE, JEREMY W AND JOAN I	121 ENTERPRISE TERR	KINGSTON RI	02881	0000	R20
954	2636 31-4	17	LOT	LOT	0.51	CARMICHAEL, WILLIAM F & MARYLOU	16 VENTURA CIR	KINGSTON RI	02881	0000	R20
955	2637 31-3	58	LOT	LOT	0.59	SUNDVIK, MICHAEL T & JEANNE H	109 ENTERPRISE TERR	KINGSTON RI	02881	0000	R20
956	2638 31-3	60	CEM	CEM	0.08						
958	16680 32-4	OS	OS	OS	29.62						
959	2642 31-3	12	LOT	LOT	0.59	FLATLEY, WILLIAM ETUX EVELYN P	22 ENTERPRISE TERRACE	KINGSTON RI	02881	1824	R20
960	2645 31-3	57	LOT	LOT	0.57	LAURENT, JAMES F ET UX	ROSEMARIE L	91 ENTERPRISE TERRACE	02881	1821	R20
975	2672 31-4	18	LOT	LOT	0.69	SIMPSON, TERENCE G ETUX	ROSEMARY C	145 ENTERPRISE TERRAC	02881	0000	R20
976	2673 31-3	8	LOT	LOT	0.70	MOORE, RICHARD W JR ETUX SUSAN	7 HOMESTEAD CIRCLE	KINGSTON RI	02881	1819	R20
980	2686 31-3	7	LOT	LOT	0.76	KRAUSSE, GERALD H ETUX SYLVIA	50 ENTERPRISE TERRACE	KINGSTON RI	02881	1824	R20
981	2688 31-3	6	LOT	LOT	0.94	BIBB, HAROLD D JR ET UX	GOLBERG, BRENDA J	62 ENTERPRISE TERRACE	02881	1824	R20
982	2690 31-3	1	LOT	LOT	0.71	HAAS, PAUL S	140 ENTERPRISE TERRACE	KINGSTON RI	02881	0000	R20
983	2691 31-3	2	LOT	LOT	0.61	MALONEY, THOMAS J ETUX LISA M	120 ENTERPRISE TERR	KINGSTON RI	02881	1834	R20

Parcel #	Parcel ID	Plat	Lot	Lot Code	Acres	Addr. 1	Addr. 2	Addr. 3	Zip	XZip	Zone 1
984	2693	31-3	5	LOT	0.83	SCHWARZBACH, HENRY ETUX CLAIRE	78 ENTERPRISE TERRACE	KINGSTON RI	02881	1824	R20
989	2700	31-3	4	LOT	0.66	OSBORNE, RONALD	94 ENTERPRISE TERR	KINGSTON RI	02881	0000	R20
991	2702	31-3	3	LOT	0.58	HENDERSON, JACK B ETUX JANNA M	PO BOX 4232	ESTES PARK CO	80517	4232	R20
1006	16707	31-3	77	LOT	0.36	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1007	16708	31-3	BIKE	BIKE	0.12						
1008	16709	31-3	78	LOT	0.32	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1030	16725	31-3	PRIVRD	PRIVRD	3.79						
1040	16714	31-3	85	LOT	0.40	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1041	16715	31-3	OS	OS	2.66						
1072	16712	39-2	97	LOT	0.30	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1074	16697	39-2	96	LOT	0.34	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1081	16688	39-2	87	LOT	0.29	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1084	16689	39-2	88	LOT	0.28	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1101	16690	39-2	89	LOT	0.27	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1108	16696	39-2	95	LOT	0.32	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1114	16691	39-2	90	LOT	0.30	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1129	16695	39-2	94	LOT	0.34	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1138	16692	39-2	91	LOT	0.24	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1155	16694	39-2	93	LOT	0.43	WALLER, JILL L	214 WINCHESTER DRIVE	WAKEFIELD RI	02879	0000	R30
1162	16693	39-2	92	LOT	0.29	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1163	2992	40-1	1	LOT	53.48	SOUTH KINGSTOWN, TOWN OF	P O BOX 31	WAKEFIELD RI	02880	0031	OS
1214	3082	39-2	12	LOT	6.30	GARDINER, STEPHEN J ETUX	PATRICIA M	1283 SOUTH ROAD	02879	0000	R30
1399	3368	39-3	20	LOT	50.20	JUNIOR HIGH & SOUTH RD SCHOOLS	C/O SCHOOL ADMINISTRATION	307 CURTIS CORNER RD	02879	2195	GI
1534	3589	39-3	BIKE	BIKE	3.63						
1547	3661	39-3	16	LOT	7.82	SHERMAN, CHARYL E	395 CURTIS CORNER ROAD	WAKEFIELD RI	02879	2112	R30
1549	3683	39-3	18	LOT	2.43	SHERMAN, GARDNER L	715 CURTIS CORNER ROAD	WAKEFIELD RI	02879	1429	R30
1550	3684	40-4	1	LOT	1.19	DIMON, MABEL E	343 CURTIS CORNER ROAD	WAKEFIELD RI	02879	2112	R30





Source: Town of South Kingstown, RI  
Geographic Information System

1000 0 1000 Feet

Vanasse Hangen Brustlin, Inc.

Adjacent Parcels  
Proposed Alignment 4C



Parcel #	Parcel ID	Plat	Lot	Lot Code	Acres	Addr 1	Addr 2	Addr 3	Zip	XZip	Zone 1
68	872 23-1	1	LOT		187.94	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
135	1043 23-4	8	LOT		5.28	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
262	1311 23-4	6	LOT		9.99	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
330	1410 30	24	LOT		350.36	STATE OF RI DEPT OF DEM	235 PROMENADE ST	PROVIDENCE RI	02908	0000	GI
381	1515 23-4	9	LOT		1.80	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
411	16672 23-4	OS	OS		10.76						
430	16664 23-4	10	LOT		1.98	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
457	1615 23-3	2	LOT		14.17	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
461	16667 23-4	13	LOT		1.24	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
512	1732 31-1	33	LOT		0.51	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
522	1751 31-1	32	LOT		0.51	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02888	6028	R20
529	1767 31-1	31	LOT		0.50	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
536	1783 31-1	34	LOT		0.47	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02888	6028	R20
541	1795 31-1	35	LOT		0.50	DAVIS, JOHN H	32801 BUFFALO PARK ROAD	EVERGREEN CO	80439	0000	R20
546	1806 31-1	36	LOT		1.08	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
557	1825 31-1	37	LOT		1.25	THOMAS, JOANN	PO BOX 1625	KINGSTON RI	02881	0000	R20
558	1827 31-1	30	LOT		0.49	SCOTT, JASON E & LISA A	121 BISCUIT CITY RD	KINGSTON RI	02881	1601	R20
568	1854 31-1	38	LOT		1.11	COX, DAVID N ETUX PATRICIA A	61 SPRINGDALE DRIVE	KINGSTON RI	02881	0000	R20
570	1860 31-1	28	LOT		0.87	QUINN, MARK T & STEPHANIE J	28 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
585	1890 31-1	27	LOT		0.46	LABELLE, RICHARD B ETUX	JOANNE C	40 SPRINGDALE DRIVE	02881	1504	R20
590	1910 31-1	26	LOT		0.52	SOLSA, DAYNE M	60 SPRINGDALE DRIVE	KINGSTON RI	02881	0000	R20
595	1923 31-1	39	LOT		1.05	WELLS, ROBERT E	81 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
608	1948 31-1	25	LOT		0.54	LOVESKY, DIEUDONN-EE M	70 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
619	1972 31-1	24	LOT		0.55	GROSS, IRA ETUX ALICE	88 SPRINGDALE DRIVE	KINGSTON RI	02881	1504	R20
635	1998 31-3	44	LOT		62.25	KINGSTON IMP ASSOC	C/O APRIL GILROY	130 LINDEN DRIVE	02881	0000	R20
644	2015 31-1	23	LOT		0.47	KILMARTIN, LORI ANNE	100 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
662	2049 31-1	11	LOT		9.30	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
665	2058 31-1	22	LOT		0.52	SEATON, WILLARD F ETUX	MARY ANNE	112 SPRINGDALE DRIVE	02881	0000	R20
731	2223 31-4	33	LOT		1.41	DORNBURG, OTTO ETUX MARILYN M	51 NICHOLS ROAD	KINGSTON RI	02881	0000	R20
744	2251 31-1	1	LOT		0.91	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
773	2334 31-4	42	LOT		0.55	DAVIS, STEPHEN M & MICHELLE L	100 HELME RD	KINGSTON RI	02881	0000	R20
793	2376 31-4	43	LOT		0.57	NANDY, KALIDAS ETUX	TAPATI G	30 SELFRIIDGE ROAD	01730	2041	R20
803	2392 31-4	41	LOT		0.54	NIGHTINGALE, M PETER ETUX	BEATRIJS M J	52 NICHOLS ROAD	02881	1804	R20
809	2399 31-4	44	LOT		0.53	TAVARES, WILLIAM A II & ERICKA	74 HELME RD	KINGSTON RI	02881	0000	R20
820	2419 31-4	40	LOT		0.50	SCHUCK, PHILIP J & AYMELK	AMY A	71 HELME RD	02881	0000	R20
825	2425 31-4	45	LOT		0.70	FORRESTER, GRAHAM E ET UX	OBRYAN, LINDA M	60 HELME RD	02881	0000	R20
832	2435 31-4	38	LOT		0.60	MAGLIOCCHETTI, THOMAS ETUX	SALLY M BARNEY	23 HELME ROAD	02881	0000	R20
835	2439 31-4	39	LOT		0.54	ZAROGGIAN, GERALD E &	JACQUELINE M	51 HELME ROAD	02881	1802	R20
842	2447 31-4	37	LOT		0.50	SWEET, MARIA	11 HELME RD	KINGSTON RI	02881	0000	R20
845	2453 31-4	46	LOT		1.14	GIBBS, BETRAM S ETUX NAOMI P	52 HELME ROAD	KINGSTON RI	02881	1812	R20
862	2474 31-4	47	LOT		0.49	COLLIER, NANCY L	42 HELME ROAD	KINGSTON RI	02881	1812	R20
864	2478 31-4	48	LOT		0.49	PETRO, NICOLAI & ALLISON N	30 HELME ROAD	KINGSTON RI	02881	0000	R20
867	2481 31-4	49	LOT		0.76	GIBBS, GEOFFREY D ETUX SONA A	14 HELME ROAD	KINGSTON RI	02881	0000	R20
869	2484 31-3	70	LOT		28.04	MANTIS DEVELOPMENT LLC	2 ROCKY GUTTER RD	MIDDLEBORO MA	02346	0000	R30
871	2487 31-4	24	LOT		1.56	SURYANARAYAN, INDU TRUSTEE	370 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
883	2509 31-4	50	LOT		0.68	DATTA, DILIP K & RANIMA	393 BISCUIT CITY ROAD	KINGSTON RI	02881	1616	R20
891	2518 31-4	23	LOT		0.83	WHITE, STEPHEN J	390 BISCUIT CITY RD	KINGSTON RI	02881	0000	R20
896	2525 31-4	22	LOT		1.88	SHILLING, GEORGE D ETUX	CAROLYN	5 STONEHENGE RD	02881	1815	R20
902	2535 31-4	20	LOT		1.14	SOUTH KINGSTOWN, TOWN OF	P O BOX 31	WAKEFIELD RI	02880	0031	GI
903	2536 31-4	51	LOT		0.61	HAAS, ROBERT S ETUX	THELMA B, TRUSTEES	45 STONEHENGE RD	02881	1816	R20
909	2547 31-4	81	LOT		0.55	TIERNY, CATHERINE F	21 STONEHENGE RD	KINGSTON RI	02881	0000	R20
921	2569 31-4	5	LOT		1.06	LESLIE, JAMES W ETUX	ELIZABETH C	50 STONEHENGE ROAD	02881	1816	R20

Parcel #	Parcel ID	Plat	Lot	Lot Code	Acres	Addr 1	Addr 2	Addr 3	Zip	XZip	Zone
925	2574	31-4	6	LOT	0.96	JACKSON, NOEL ETUX VALERIE L	26 STONEHENGE RD	KINGSTON RI	02881	1818	R20
926	2575	31-3	52	LOT	0.49	GOLDMAN, TOBY B	60 HERITAGE DRIVE	KINGSTON RI	02881	1811	R20
930	2585	31-3	13	LOT	0.50	GENTILE, BRUCE R & IRMA R	PO BOX 25845	EUGENE OR	97402	0000	R20
933	2590	31-4	15	LOT	1.97	NEUSE, MARJORIE C TRUSTEE	16 SPRING HILL RD	KINGSTON RI	02881	0000	R20
934	2592	31-3	14	LOT	0.49	HANSON, RICHARD E & ALMA G	30 HERITAGE DRIVE	KINGSTON RI	02881	1810	R20
935	2596	31-4	16	LOT	0.53	STEELE, CARLTON L ETUX	CYNTHIA A	24 VENTURA CIRCLE	02881	1820	R20
937	2600	31-3	15	LOT	0.69	SHORTEN, ROBERT H ETUX	LIANE M	10 HERITAGE DRIVE	02881	0000	R20
947	2621	31-3	56	LOT	0.48	SIRHAL, ROBERT J ETUX SALLIE W	79 ENTERPRISE TERRACE	KINGSTON RI	02881	1821	R20
948	2622	31-3	55	LOT	0.57	NARASIMHAN, SEETHARAMA L ET UX	VETHANAYAKI	63 ENTERPRISE TERRACE	02881	1821	R20
949	2623	31-3	54	LOT	0.51	SHEN, SHI-JUN ETUX MING-CHU	51 ENTERPRISE TERRACE	KINGSTON RI	02881	0000	R20
950	2624	31-3	53	LOT	0.52	LITTLE, JOSEPH T JR ETUX	PATRICIA M	31 ENTERPRISE TERRACE	02881	0000	R20
951	2629	31-3	61	LOT	0.62	COFONE, CHARLES J ETUX	JUDITH SWIFT	7 VENTURA CIRCLE	02881	1820	R20
953	2635	31-3	59	LOT	0.49	HOWE, JEREMY W AND JOANI	121 ENTERPRISE TERR	KINGSTON RI	02881	0000	R20
954	2636	31-4	17	LOT	0.51	CARMICHAEL, WILLIAM F & MARYLOU	16 VENTURA CIR	KINGSTON RI	02881	0000	R20
955	2637	31-3	58	LOT	0.59	SUNDVIK, MICHAEL T & JEANNE H	109 ENTERPRISE TERR	KINGSTON RI	02881	0000	R20
958	16680	32-4	OS	OS	29.62						
959	2642	31-3	12	LOT	0.59	FLATLEY, WILLIAM ETUX EVELYN P	22 ENTERPRISE TERRACE	KINGSTON RI	02881	1824	R20
960	2645	31-3	57	LOT	0.57	LAURENT, JAMES F ET UX	ROSEMARIE L	91 ENTERPRISE TERRACE	02881	1821	R20
975	2672	31-4	18	LOT	0.69	SIMPSON, TERRENCE G ETUX	ROSEMARY C	145 ENTERPRISE TERRAC	02881	0000	R20
976	2673	31-3	8	LOT	0.70	MOORE, RICHARD W JR ETUX SUSAN	7 HOMESTEAD CIRCLE	KINGSTON RI	02881	1819	R20
980	2686	31-3	7	LOT	0.76	KRAUSSE, GERALD H ETUX SYLVIA	50 ENTERPRISE TERRACE	KINGSTON RI	02881	1824	R20
981	2688	31-3	6	LOT	0.94	BIBB, HAROLD D JR ET UX	GOLBERG, BRENDA J	62 ENTERPRISE TERRACE	02881	1824	R20
982	2690	31-3	1	LOT	0.71	HAAS, PAUL S	140 ENTERPRISE TERRACE	KINGSTON RI	02881	0000	R20
983	2691	31-3	2	LOT	0.61	MALONEY, THOMAS J ETUX LISA M	120 ENTERPRISE TERR	KINGSTON RI	02881	1834	R20
984	2693	31-3	5	LOT	0.83	SCHWARZBACH, HENRY ETUX CLAIRE	78 ENTERPRISE TERRACE	KINGSTON RI	02881	1824	R20
989	2700	31-3	4	LOT	0.66	OSBORNE, RONALD	94 ENTERPRISE TERR	KINGSTON RI	02881	0000	R20
991	2702	31-3	3	LOT	0.58	HENDERSON, JACK B ETUX JANNA M	PO BOX 4232	ESTES PARK CO	80517	4232	R20
1006	16707	31-3	77	LOT	0.36	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1007	16708	31-3	BIKE	BIKE	0.12						
1008	16709	31-3	78	LOT	0.32	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1030	16725	31-3	PRIVRD	PRIVRD	3.79						
1040	16714	31-3	85	LOT	0.40	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1041	16715	31-3	OS	OS	2.66						
1072	16712	39-2	97	LOT	0.30	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1108	16696	39-2	95	LOT	0.32	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1114	16691	39-2	90	LOT	0.30	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1129	16695	39-2	94	LOT	0.34	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1138	16692	39-2	91	LOT	0.24	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1155	16694	39-2	93	LOT	0.43	WALLER, JILL L	214 WINCHESTER DRIVE	WAKEFIELD RI	02879	0000	R30
1162	16693	39-2	92	LOT	0.29	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1163	2992	40-1	1	LOT	53.48	SOUTH KINGSTOWN, TOWN OF	P O BOX 31	WAKEFIELD RI	02880	0031	OS
1214	3082	39-2	12	LOT	6.30	GARDINER, STEPHEN J ETUX	PATRICIA M	1283 SOUTH ROAD	02879	0000	R30
1399	3368	39-3	20	LOT	50.20	JUNIOR HIGH & SOUTH RD SCHOOLS	C/O SCHOOL ADMINISTRATION	307 CURTIS CORNER RD	02879	2195	GI
1534	3589	39-3	BIKE	BIKE	3.63						







Parcel #	Parcel ID	Plat	Lot	Lot Code	Acres	Addr 1	Addr 2	Addr 3	Zip	XZip	Zone 1
68	872	23-1	1	LOT	187.94	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
135	1043	23-4	8	LOT	5.28	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
262	1311	23-4	6	LOT	9.99	UNIVERSITY OF RHODE ISLAND	URI BOARD OF GOVERNORS	301 PROMENADE ST	02908	5088	GI
330	1410	30	24	LOT	350.36	STATE OF RI DEPT OF DEM	235 PROMENADE ST	PROVIDENCE RI	02908	0000	GI
381	1515	23-4	9	LOT	1.80	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
411	16672	23-4	OS	OS	10.78						
430	16664	23-4	10	LOT	1.98	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
457	1615	23-3	2	LOT	14.17	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
461	16667	23-4	13	LOT	1.24	GP WOODLANDS, LLC	7 JACKSON WALKWAY	PROVIDENCE RI	02903	0000	R20
512	1732	31-1	33	LOT	0.51	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
522	1751	31-1	32	LOT	0.51	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02888	6028	R20
529	1767	31-1	31	LOT	0.50	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
536	1783	31-1	34	LOT	0.47	COFFEY, MARTHA F TRUSTEE	75 MINNESOTA AV APT 211	WARWICK RI	02888	6028	R20
541	1795	31-1	35	LOT	0.50	DAVIS, JOHN H	32601 BUFFALO PARK ROAD	EVERGREEN CO	80439	0000	R20
546	1806	31-1	36	LOT	1.08	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
557	1825	31-1	37	LOT	1.25	THOMAS, JOANN	PO BOX 1625	WAKEFIELD RI	02881	0000	R20
568	1854	31-1	38	LOT	1.11	COX, DAVID N ETUX PATRICIA A	61 SPRINGDALE DRIVE	KINGSTON RI	02881	0000	R20
585	1890	31-1	27	LOT	0.46	LABELLE, RICHARD B ETUX	JOANNE C	40 SPRINGDALE DRIVE	02881	1504	R20
590	1910	31-1	26	LOT	0.52	SOUSA, DAYNE M	60 SPRINGDALE DRIVE	KINGSTON RI	02881	0000	R20
595	1923	31-1	39	LOT	1.05	WELLS, ROBERT E	81 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
608	1948	31-1	25	LOT	0.54	LOVESKY, DIEUDONN-EE M	70 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
619	1972	31-1	24	LOT	0.55	GROSS, IRA ETUX ALICE	88 SPRINGDALE DRIVE	KINGSTON RI	02881	1504	R20
635	1998	31-3	44	LOT	62.25	KINGSTON IMP ASSOC	C/O APRIL GILROY	130 LINDEN DRIVE	02881	0000	R20
644	2015	31-1	23	LOT	0.47	KILMARTIN, LORI ANNE	100 SPRINGDALE DR	KINGSTON RI	02881	0000	R20
662	2049	31-1	11	LOT	9.30	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
665	2058	31-1	22	LOT	0.52	SEATON, WILLARD F ETUX	MARY ANNE	112 SPRINGDALE DRIVE	02881	0000	R20
744	2251	31-1	1	LOT	0.91	SOUTH KINGSTOWN LAND TRUST	313 MAIN ST STE C	WAKEFIELD RI	02879	0000	R20
773	2334	31-4	42	LOT	0.55	DAVIS, STEPHEN M & MICHELLE L	100 HELME RD	KINGSTON RI	02881	0000	R20
857	2467	31-4	69	LOT	1.97	VALENTE, RAYMOND M ET UX	BARKER, MAMIE JANE	170 FRANCIS HORN DR	02881	0000	R80
865	2479	31-4	70	LOT	1.95	TURNER, JOAN E	152 FRANCIS HORN DR	KINGSTON RI	02881	0000	R80
868	2483	31-4	68	LOT	2.30	HUNTER, JEANNE M & DUNCAN U JR	167 FRANCES HORN DR	KINGSTON RI	02881	0000	R80
869	2484	31-3	70	LOT	28.04	MANTIS DEVELOPMENT LLC	2 ROCKY GUTTER RD	MIDDLEBORO MA	02346	0000	R30
872	2488	31-4	71	LOT	2.44	LAW, JOHN F ETUX LINDA J	134 FRANCIS HORN DR	KINGSTON RI	02881	1837	R80
874	2492	31-4	54	LOT	1.24	GARDNER, GENEVIEVE C	91 STONEHENGE ROAD	KINGSTON RI	02881	1816	R20
875	2493	31-4	53	LOT	1.27	LEITCHER, STEPHEN V ETUX	BETTINA H	67 STONHENGE ROAD	02881	1816	R20
877	2500	31-4	52	LOT	0.99	ROSS, ANN P	57 STONEHENGE RD	KINGSTON RI	02881	1816	R20
880	2504	31-4	ROAD	ROAD	4.54						
885	2511	31-3	19	LOT	5.11	COSTELLO, DANIEL T	2 ROCKY GUTTER RD	MIDDLEBORO MA	02346	0000	R30
896	2525	31-4	22	LOT	1.88	SHILLING, GEORGE D ETUX	CAROLYN	5 STONEHENGE RD	02881	1815	R20
898	2527	31-4	67	LOT	2.12	OSULLIVAN, MICHAEL P & MARY T	147 FRANCIS HORN DR	KINGSTON RI	02881	0000	R80
900	2530	31-3	68	LOT	0.69	GEABER, JOHN J ETUX DIANE D	PO BOX 5232	WAKEFIELD RI	02879	5232	R30
902	2535	31-4	20	LOT	1.14	SOUTH KINGSTOWN, TOWN OF	P O BOX 31	WAKEFIELD RI	02880	0031	GI
903	2536	31-4	51	LOT	0.61	HAAS, ROBERT S ETUX	THELMA B, TRUSTEES	45 STONEHENGE RD	02881	1816	R20
904	2537	31-4	55	LOT	1.01	GARDNER, GENEVIEVE C	91 STONEHENGE ROAD	KINGSTON RI	02881	1816	R20
909	2547	31-4	81	LOT	0.55	TIERNEY, CATHERINE F	21 STONEHENGE RD	KINGSTON RI	02881	0000	R20
913	2553	31-4	72	LOT	1.82	PETERIO, PETER ETUX NANCY	110 FRANCIS HORN DR	KINGSTON RI	02881	1837	R80
917	2562	31-4	56	LOT	1.01	HORTON, STEVEN F ETUX LORRAINE	99 STONEHENGE ROAD	KINGSTON RI	02881	1816	R20
918	2563	31-4	4	LOT	0.98	COBB, J STANLEY ETUX LAUREL K	60 STONEHENGE ROAD	KINGSTON RI	02881	1818	R20
921	2569	31-4	5	LOT	1.08	LESLIE, JAMES W ETUX	ELIZABETH C	50 STONEHENGE ROAD	02881	1816	R20
924	2573	31-4	66	LOT	1.90	HART, BARBARA K & JOSEPH P JR	121 FRANCIS HORN DR	KINGSTON RI	02881	0000	R80
925	2574	31-4	6	LOT	0.96	JACKSON, NOEL ETUX VALERIE L	26 STONEHENGE RD	KINGSTON RI	02881	1818	R20
926	2575	31-3	52	LOT	0.49	GOLDMAN, TOBY B	60 HERITAGE DRIVE	KINGSTON RI	02881	1811	R20

Parcel #	Parcel ID	Plat	Lot	Lot Code	Acres	Addr 1	Addr 2	Addr 3	Zip	XZip	Zone 1
928	2581	31-3	69	LOT	0.68	COLON, IVAN S & MALINDA M	1439 SOUTH RD	KINGSTON RI	02881	0000	R30
930	2585	31-3	13	LOT	0.50	GENTILE, BRUCE R & IRMA R	PO BOX 25845	EUGENE OR	97402	0000	R20
933	2590	31-4	15	LOT	1.97	NEUSE, MARJORIE C TRUSTEE	16 SPRING HILL RD	KINGSTON RI	02881	0000	R20
934	2592	31-3	14	LOT	0.49	HANSON, RICHARD E & ALMA G	30 HERITAGE DRIVE	KINGSTON RI	02881	1810	R20
935	2596	31-4	16	LOT	0.53	STEELE, CARLTON L ETUX	CYNTHIA A	24 VENTURA CIRCLE	02881	1820	R20
936	2598	31-4	57	LOT	1.59	MCGRATH, JACQUELINE C	115 STONEHENGE RD	KINGSTON RI	02881	0000	R20
937	2600	31-3	15	LOT	0.69	SHORTEN, ROBERT H ETUX	LIANE M	10 HERITAGE DRIVE	02881	0000	R20
943	2612	31-4	3	LOT	0.98	STATE OF RHODE ISLAND &	PROVIDENCE PLANTATIONS	DEPT. OF ADMINISTRATIO	02908	5893	OS
947	2621	31-3	56	LOT	0.48	SIRHAL, ROBERT J ETUX SALLIE W	79 ENTERPRISE TERRACE	KINGSTON RI	02881	1821	R20
948	2622	31-3	55	LOT	0.57	NARASIMHAN, SEETHARAMA L ET UX	VEITHANAYAKI	63 ENTERPRISE TERRACE	02881	1821	R20
949	2623	31-3	54	LOT	0.51	SHEN, SHI-JUN ETUX MING-CHU	51 ENTERPRISE TERRACE	KINGSTON RI	02881	0000	R20
950	2624	31-3	53	LOT	0.52	LITTLE, JOSEPH T JR ETUX	PATRICIA M	31 ENTERPRISE TERRACE	02881	0000	R20
951	2629	31-3	61	LOT	0.62	COFONE, CHARLES J ETUX	JUDITH SWIFT	7 VENTURA CIRCLE	02881	1820	R20
953	2635	31-3	59	LOT	0.49	HOWE, JEREMY W AND JOAN I	121 ENTERPRISE TERR	KINGSTON RI	02881	0000	R20
954	2636	31-4	17	LOT	0.51	CARMICHAEL, WILLIAM F & MARYLOU	16 VENTURA CIR	KINGSTON RI	02881	0000	R20
955	2637	31-3	58	LOT	0.59	SUNDEVIK, MICHAEL T & JEANNE H	109 ENTERPRISE TERR	KINGSTON RI	02881	0000	R20
958	16880	32-4	OS	OS	29.62						
959	2642	31-3	12	LOT	0.59	FLATLEY, WILLIAM ETUX EVELYN P	22 ENTERPRISE TERRACE	KINGSTON RI	02881	1824	R20
960	2645	31-3	57	LOT	0.57	LAURENT, JAMES F ET UX	ROSEMARIE L	91 ENTERPRISE TERRACE	02881	1821	R20
963	2651	31-4	2	LOT	1.39	MARION, BETH A	114 STONEHENGE RD	KINGSTON RI	02881	0000	R20
967	2658	31-4	73	LOT	1.86	DEMESQUITA, PAUL ETUX	KATHRYN J	80 FRANCIS HORN DR	02881	0000	R80
975	2672	31-4	18	LOT	0.69	SIMPSON, TERENCE G ETUX	ROSEMARY C	145 ENTERPRISE TERRAC	02881	0000	R20
976	2673	31-3	8	LOT	0.70	MOORE, RICHARD W JR ETUX SUSAN	7 HOMESTEAD CIRCLE	KINGSTON RI	02881	1819	R20
977	2676	31-4	NC	NC	0.52						
978	2683	31-4	65	LOT	3.60	SHAIKH, ZAHIR A ETUX MARY B	83 FRANCIS HORN DRIVE	KINGSTON RI	02881	0000	R80
979	2684	31-4	59	LOT	1.79	COBB, DONALD J ETUX JAYNE E	139 STONEHENGE RD	KINGSTON RI	02881	1828	R20
980	2686	31-3	7	LOT	0.76	KRAUSSE, GERALD H ETUX SYLVIA	50 ENTERPRISE TERRACE	KINGSTON RI	02881	1824	R20
981	2688	31-3	6	LOT	0.94	BIBB, HAROLD D JR ET UX	GOLBERG, BRENDA J	62 ENTERPRISE TERRACE	02881	1824	R20
982	2690	31-3	1	LOT	0.71	HAAS, PAUL S	140 ENTERPRISE TERRACE	KINGSTON RI	02881	0000	R20
983	2691	31-3	2	LOT	0.61	MALONEY, THOMAS J ETUX LISA M	120 ENTERPRISE TERR	KINGSTON RI	02881	1834	R20
984	2693	31-3	5	LOT	0.83	SCHWARZBACH, HENRY ETUX CLAIRE	78 ENTERPRISE TERRACE	KINGSTON RI	02881	1824	R20
986	2696	31-4	1	LOT	1.60	WOOD, RICHARD D ETUX URDA K	150 STONEHENGE RD	KINGSTON RI	02881	0000	R20
989	2700	31-3	4	LOT	0.66	OSBORNE, RONALD	94 ENTERPRISE TERR	KINGSTON RI	02881	0000	R20
991	2702	31-3	3	LOT	0.58	HENDERSON, JACK B ETUX JANNA M	PO BOX 4232	ESTES PARK CO	80517	4232	R20
1006	16707	31-3	77	LOT	0.36	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1007	16708	31-3	BIKE	BIKE	0.12						
1008	16709	31-3	78	LOT	0.32	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1030	16725	31-3	PRIVRD	PRIVRD	3.79						
1040	16714	31-3	85	LOT	0.40	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1041	16715	31-3	OS	OS	2.66						
1072	16712	39-2	97	LOT	0.30	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1108	16696	39-2	95	LOT	0.32	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1114	16691	39-2	90	LOT	0.30	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1129	16695	39-2	94	LOT	0.34	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1138	16692	39-2	91	LOT	0.24	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1155	16694	39-2	93	LOT	0.43	WALLER, JILL L	214 WINCHESTER DRIVE	WAKEFIELD RI	02879	0000	R30
1162	16693	39-2	92	LOT	0.29	POTTERS FARM LLC	271 WORDENS POND RD	WAKEFIELD RI	02879	0000	R30
1163	2992	40-1	1	LOT	53.48	SOUTH KINGSTOWN, TOWN OF	P O BOX 31	WAKEFIELD RI	02880	0031	OS
1214	3082	39-2	12	LOT	6.30	GARDINER, STEPHEN J ETUX	PATRICIA M	1283 SOUTH ROAD	02879	0000	R30
1399	3368	39-3	20	LOT	50.20	JUNIOR HIGH & SOUTH RD SCHOOLS	C/O SCHOOL ADMINISTRATION	307 CURTIS CORNER RD	02879	2195	GI
1534	3589	39-3	BIKE	BIKE	3.63						

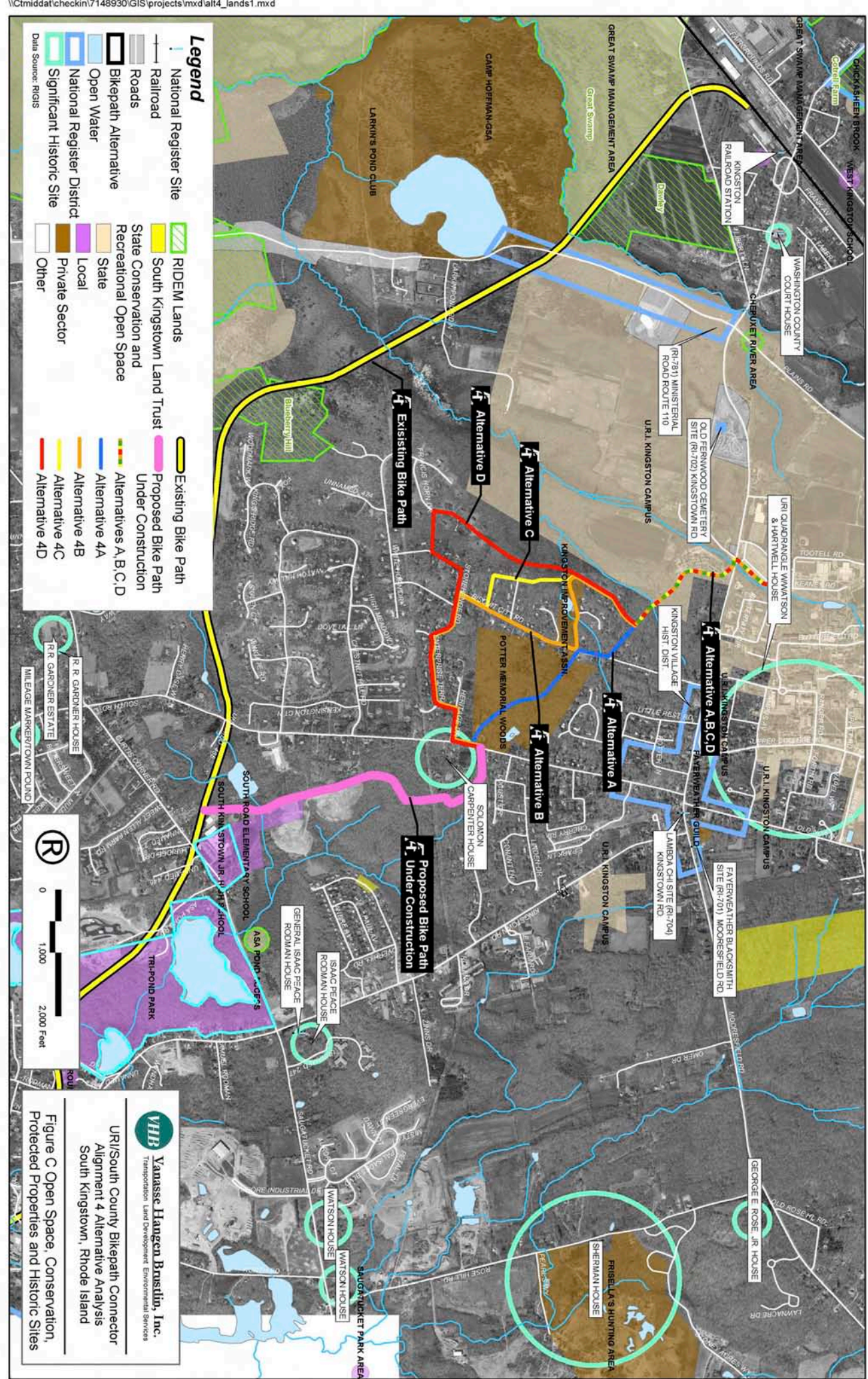




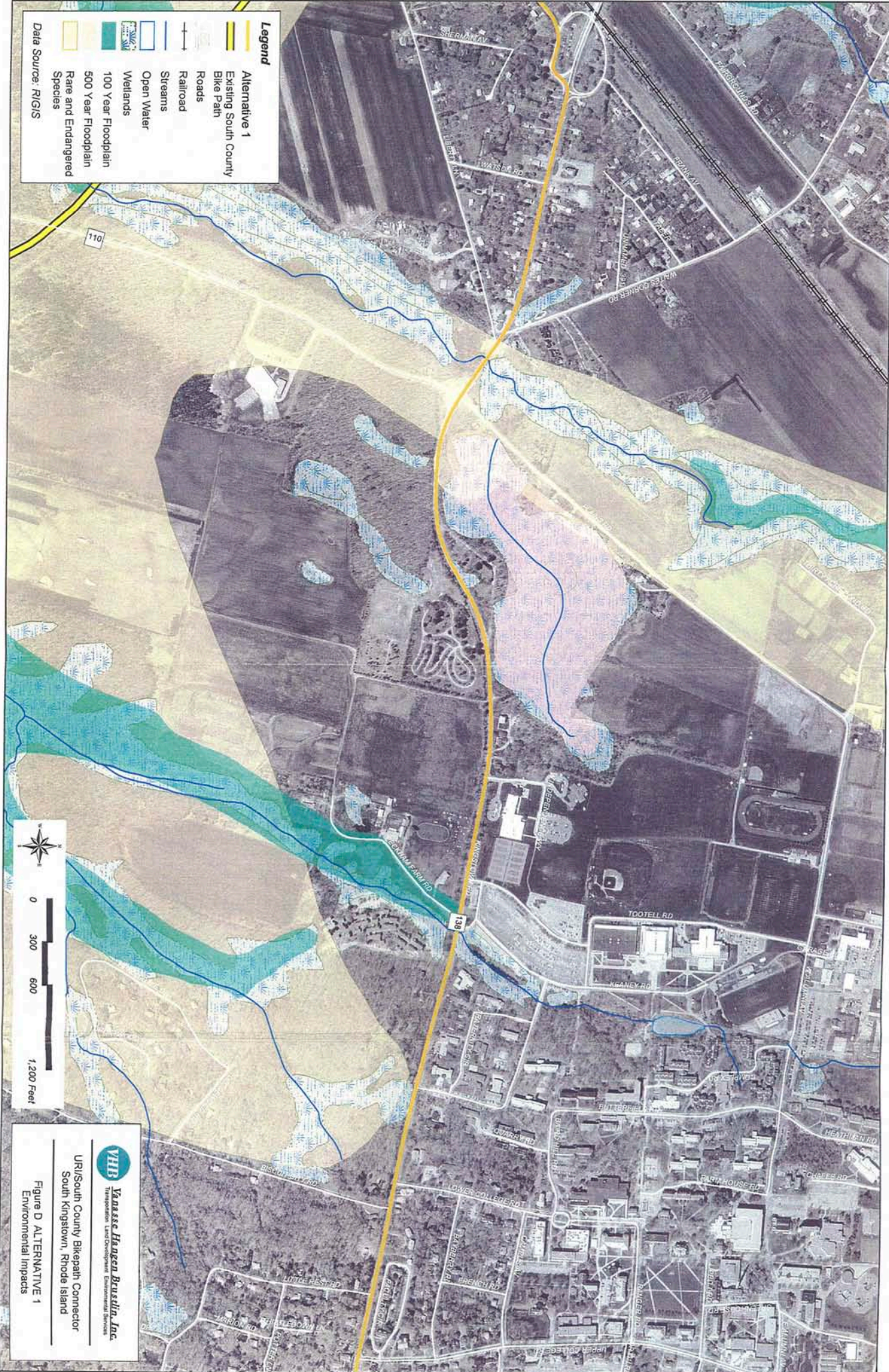










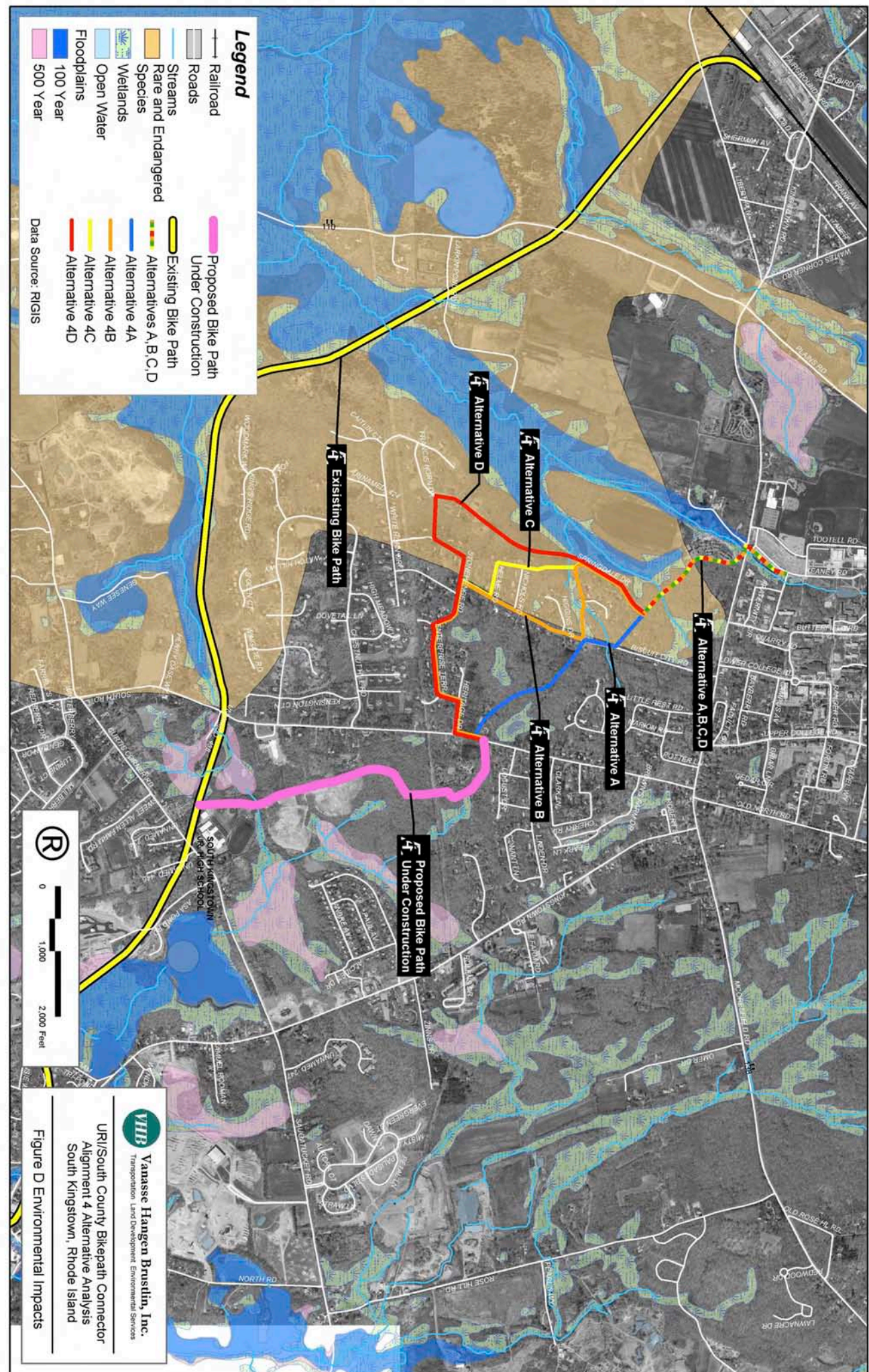


**YHB**  
Yorke-Hagen-Bruscia, Inc.  
Transportation Land Development Environmental Services

URI/South County Bikepath Connector  
South Kings town, Rhode Island

Figure D: ALTERNATIVE 1  
Environmental Impacts





# *URI / South County Bike Path Connector*

South Kingstown,  
Rhode Island

---

Prepared for Rhode Island Department of Transportation

Prepared by **VHB/Vanasse Hangen Brustlin, Inc.**  
Transportation, Land Development, Environmental Services  
54 Tuttle Place  
Middletown, CT 06457  
860 632-1500

January 2006

# Summary

The following is a chronological summary of correspondence and meetings concluding the Assessment of a South County/URI Bike Path Connector.

- August 31, 2005 South Kingstown Town Council schedules a meeting for October 5, 2005 with representatives from the RI Department of Transportation and Town of Narragansett to discuss the Phase II Bike Path and URI Bike Path Connector.
- September 7, 2005 RIDOT confirms with the Town of South Kingstown that they will attend the October 5<sup>th</sup> meeting.
- October 5, 2005 South Kingstown Town Council meeting. RIDOT presents four alternative routes to a possible bike path connection from URI to the South Kingstown Athletic Complex.
- December 7, 2005 RIDOT submits a conceptual cost estimate for a portion of Alternative 4 to the Town of South Kingstown and requests the Town to select a preferred alignment.
- January 24, 2006 The Providence Journal prints an article stating that the South Kingstown Town Council had agreed to urge the state to pursue four new links to the South County bike path.
- January 25, 2006 Town of South Kingstown completes a comprehensive review of the URI/South County Bike Path Connector alternatives and adds their own bike path corridors for consideration. Town council decides to forward a communication to RIDOT to proceed with the design and construction of the bike path links referred to as “Spur #1” and “Spur #2” and to investigate the feasibility of developing “Spur #3” and “Spur #4”.
- February 22, 2006 RIDOT responds to Town’s review of alternative alignments and Town Council’s decision to proceed with the design of “Spur #1” and “Spur #2” as referenced in the Town’s correspondence January 25, 2006. RIDOT informs the Town that the study and development of Spur #3 is beyond the scope of this study and will require a project proposal to the Transportation Improvement Program (TIP). RIDOT notes “Spur #4” is an existing Enhancement Program funded project. RIDOT is working towards reaching a project agreement with the South Kingstown Land Trust (SKLT) to study a “Spur #4” connection.





# Town of South Kingstown, Rhode Island

OFFICE OF TOWN MANAGER

180 High Street

Wakefield, RI 02879

Stephen A. Alfred  
Town Manager

Tel. 401-789-9331

Fax. 401-789-5280

August 31, 2005

J. Michael Bennett, PE, Deputy Chief Engineer  
Environmental and Intermodal Planning  
RI Department of Transportation  
Two Capitol Hill  
Providence, RI 02903-1124

Dear Mr. Bennett:

*H. Mike*

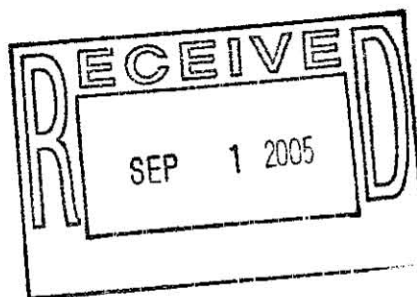
The South Kingstown Town Council would like to schedule a meeting with representatives of the RI Department of Transportation and Town of Narragansett to discuss the Phase III Bike Path and URI Bike Path Connector projects.

The Town Councils of South Kingstown and Narragansett are available on October 5<sup>th</sup> at 7:00pm should RIDOT be agreeable. Please contact my office at your earliest convenience. Thank you for your assistance.

Sincerely,

Stephen A. Alfred  
Town Manager

SAA/cfc





STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Rhode Island Department of Transportation  
ENVIRONMENTAL & INTERMODAL PLANNING  
Two Capitol Hill, Providence, RI 02903-1124  
ENVIRONMENTAL PHONE (401) 222-2023  
INTERMODAL PHONE (401) 222-4203  
FAX (401) 222-2207 TDD (401) 222-4971

September 7, 2005

Mr. Stephen A. Alfred  
Town Manager  
180 High Street  
Wakefield, RI 02879

Re: Joint Meeting - South Kingstown & Narragansett Town Councils  
October 5, 2005

Dear Mr. Alfred: *Steve*

In response to your August 31, 2005 correspondence, staff from the RI Department of Transportation (RIDOT) will attend the October 5, 2005 joint meeting of the South Kingstown and Narragansett Town Councils to discuss the status of South County Bike Path Phase III and the URI/S. County Bike Path Connector projects. I will lead the discussion on the URI Connector project and Vanesse Hangen Brustlin (VHB) will prepare a presentation based on the Bike Path Alternative 4 Analysis study report forwarded to the Town for review on March 14, 2005. Also, Bob Smith will be present to provide a status for Phase III of the South County Bike Path.

Should you have any questions, please contact me at 222-4203 ext. 4021.

Sincerely,

*J. Michael Bennett*  
J. Michael Bennett, P.E.  
Deputy Chief Engineer

C/ S. Devine, R. Smith, S. Church



## **AGENDA**

### **TOWN COUNCIL JOINT WORK SESSION WITH NARRAGANSETT TOWN COUNCIL AND RI DEPARTMENT OF TRANSPORTATION OFFICIALS**

**WEDNESDAY, OCTOBER 5, 2005**

**7:00 PM**

**TOWN COUNCIL CHAMBERS  
180 HIGH STREET  
WAKEFIELD, RI**

1. Discussion re: South County Bike Path Phase III.
2. Discussion re: URI / South County Bike Path Connector.
3. Other matters of interest and concern.

\*\*\*\*\*

**NOTE: Individuals requesting interpreter services for the hearing impaired must call 792-9642 (TDD) seventy-two (72) hours in advance of the meeting date.**

**DATE POSTED: 9/29/2005**



## D'Amelio, Scott

---

**From:** D'Amelio, Scott  
**Sent:** Monday, November 21, 2005 3:44 PM  
**To:** Church, Steve  
**Subject:** RE: Bike Path Cost Est

Steve,

We can prepare an estimate for this bikeway, but I want to be sure of the limits. The bikeway from South Road to the SC bike path passes through Kingston Woods Development, Potter Farm Development and the South Kingstown Athletic Fields.

The path through Potter Farm Development already exists. Will Kingston Woods developer complete the path within that development similarly to Potter Farm? How far into the athletic facility does the town wish the bike path to go? The path could be extended from Potter Farm to the existing roadway system or could continue as a separated path to a connection into the existing bike path of the athletic complex. Can you forward to Ray for answers prior to us getting started?

Steve, I also wanted to ask if final design of Davisville bike path is being considered?

**Scott A. D'Amelio, P.E.**  
**VHB - Vanasse Hangen Brustlin, Inc.**  
530 Broadway  
Providence, RI 02909-1820  
401-272-8100: FAX 401-273-9694  
email: [sdamelio@vhb.com](mailto:sdamelio@vhb.com)

---

**From:** Church, Steve [mailto:[schurch@DOT.STATE.RI.US](mailto:schurch@DOT.STATE.RI.US)]  
**Sent:** Monday, November 21, 2005 2:42 PM  
**To:** D'Amelio, Scott  
**Subject:** FW: Bike Path Cost Est

Scott,

Please prepare a design/construction cost estimate for Alignment 4 alternative -- specifically -- section from South Road through Kingston Woods sub-division, continuing by SK athletic fields to SC bike path.  
Steve C.

-----Original Message-----

**From:** Devine, Stephen  
**Sent:** Monday, November 21, 2005 1:51 PM  
**To:** Church, Steve; Bennett, Mike  
**Subject:** RE: Bike Path Cost Est

Steve:

I don't have the VHB report, but is this section from South Rd to SC Path within the alternatives studied? Or is outside?

If it's within the original study area, then I don't see why we can't have VHB put something together.

-----Original Message-----

**From:** Church, Steve  
**Sent:** Monday, November 21, 2005 1:24 PM  
**To:** Bennett, Mike; Devine, Stephen  
**Subject:** FW: Bike Path Cost Est

12/13/2005

Town of South Kingstown via Ray Nickerson is requesting a "down and dirty" estimate for section of proposed Alt 4 alignment, specifically the section between South Road & South County Bike Path. Town may seek a DEM Recreation Acquisition & Development Grant to build it - this grant program is admin. by Sutton's office.

Anyway, should I proceed to have VHB develop design & construction cost estimate for this section of bike path? (this section includes the easement through the Kingston Woods Housing Development where the developer has constructed bike path

-----Original Message-----

**From:** Raymond Nickerson [mailto:rnickerson@southkingstownri.com]

**Sent:** Monday, November 21, 2005 11:57 AM

**To:** Church, Steve

**Cc:** Andy Nota

**Subject:** Bike Path Cost Est

Steve,

The VHB Alt 4 Analysis of March 7, 2005 gave cost estimates for each alternative. Do you think VHB could get you a down and dirty cost estimate for that portion of the bike path connector between the South County Bike Path and South Road? We're thinking of submitting a DEM Recreation Acquisition and Development Grant application to construct that portion of the connector.

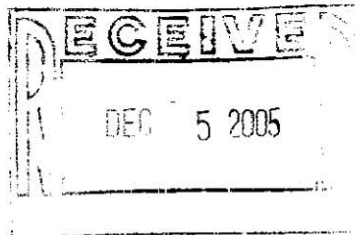
Thanks Steve

Ray N.

**Transportation  
Land Development  
Environmental  
Services**



imagination | innovation | energy Creating results for our clients and benefits for our communities



Vanasse Hangen Brustlin, Inc.

December 2, 2005

Ref: 71489.30

Mr. Stephen Church  
Project Manager  
R.I. Department of Transportation  
Environmental & Intermodal Planning  
Two Capitol Hill  
Providence, Rhode Island 02903

Re: South County Bike Facilities  
URI/South County Bike Path Connector, South Kingstown, RI  
RIDEM Contract No. 2002 EI 007  
FAP HPP 1827(003)  
Conceptual Cost Estimate – South Kingstown Athletic Complex

Dear Mr. Church:

Please find attached a conceptual cost estimate for a portion of "Alternative 4" outlined in the Alternatives Analysis for connecting URI campus to the South County Bike Path. This cost estimate was requested by RIDOT in response to a request from the Town of South Kingstown. The estimate covers the limit from the end of the existing bicycle facility located in Potter Farm Development, southerly onto the town athletic complex property, along an adjacent Baseball field and terminating at the nearest parking area.

If you have any questions or need additional copies, please contact us.

Very truly yours,

VANASSE HANGEN BRUSTLIN, INC.

Scott A. D'Amelio, P.E.  
Project Manager

Enclosures

cc: S Devine, RIDOT, w/o enclosure

530 Broadway  
Providence, Rhode Island 02909-1820  
**401.272.8100 • FAX 401.273.9694**  
email: info@vhb.com  
www.vhb.com

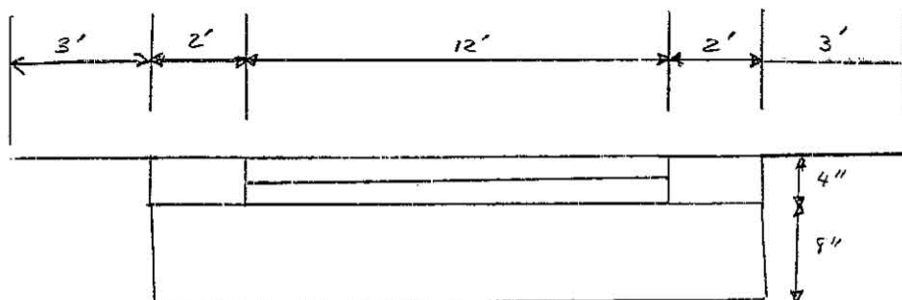




# Computations

Project: URI BikePath Project # 7148930  
 Location: Sheet 1 of  
 Calculated by: Scott N. Date: 11/30/05  
 Checked by: Date:  
 Title Preliminary Cost Est.

## TYPICAL SECTION



\* Say Project Limits = 700' Long

- 1.) 201.0321 - Clear and Grubbing (sy)
  - Say = 22' wide x 700' long =  $15,400 / 9 = 1711$  sy  
 $\approx 1750$  sy
- 2.) 204.0100 - Trimming and fine Grading (sy)
  - Say = 16' wide x 700' Long =  $11200 / 9 = 1244$  sy  
 $\approx 1300$  sy
- 3.) 302.0100 - Gravel Borrow base Course (cy)
  - Say = 16' wide x 700' Long x 0.67' Deep = 7504 CF  
 $7504 \text{ CF} / 27 = 278 \text{ cy} \approx 300 \text{ cy}$
- 4.) 401.0200 - Bit. Surface Course Type I-1 (TON)
  - Say =  $12' \times 700' = 8400 \text{ SF} / 9 = 935$  sy
  - $935 \text{ sy} \times 2" \times 0.0575 \text{ TON/sy/in} = 108 \text{ TONS} \approx 120 \text{ TON}$
- 5.) 401.0300 - Bit. Surface Course Type I-2 (TON)
  - 108 TONS (see #4)  $\approx 120 \text{ TON}$



## Computations

Project:

Project #

Location:

Sheet 2 of

Calculated by:

Date:

Checked by:

Date:

Title Preliminary Cost Est.

- 6.) 403.0300 - Asphalt Emulsion Tack Coat. (sy)  
•  $SAY = (12' \times 700') / 9 = 935 \text{ sy} \approx 950 \text{ sy}$
- 7.) L01.0102 - Loam Borrow 4 inches Deep (sy)  
•  $SAY = (4' \times 700') / 9 = 311 \text{ sy} \approx 350 \text{ sy}$
- 8.) L02.0102 - Residential Seeding (Type 2) (sy)  
• 311 sy (see L01.0102)
- 9.) 936.0110 - Mobilization (LS)  
•  $SAY = 1 \text{ LS}$
- 10.) T.20.2016 - 6" Epoxy Resin Pavement Markings: Yellow (LF)  
•  $SAY = 700 \text{ LF}$
- 11.) 202.0100 - Earth Excavation (cy)  
•  $SAY = 16' \times 700' \times 1' = 11,200 \text{ CF} / 27 = 415 \text{ cy} \approx 450 \text{ cy}$
- 12.) 201.0424 - Remove and Dispose Retaining Wall  
•  $SAY = 22' \text{ Long} \times 15' \text{ wide} \times 3' \text{ High} = 99 \text{ CF}$   
 $99 \text{ CF} / 27 = 4 \text{ cy} \approx 5 \text{ cy}$
- 13.) 206.0230 - Baled Hay Erosion Check and Silt Fence  
Combined Standard 9.3.0  
•  $SAY = 700'$



## Computations

Project:

Project #

Location:

Sheet 3 of

Calculated by:

Date:

Checked by:

Date:

Title

14) 931.0110 - cleaning and Sweeping Pavement (HSY)  
• SAY =  $12' \times 700' = 8400 \text{ SF} / 9 = 933 \text{ sy} \approx 10 \text{ HSY}$

15) 902.9901 - Split Rail Bicycle Railing (LF)  
• SAY = 500 LF

16) T15.0100 - Directional Regulatory and Warning Signs (SF)  
• SAY = 25 SF



**URI/South County Bike Path  
Preliminary Cost Estimate  
Potter Farm Subdivision to South Kingstown Athletic Fields parking Area  
12 foot wide bituminous Bike Path**

Code	Description	Quantity	Unit	Unit Cost	Total
201.0321	CLEARING AND GRUBBING - (700' * 22')/9	1,750	SY	\$ 3.00	\$ 5,250.00
201.0424	REMOVE AND DISPOSE STONE WALL	5	CY	\$ 150.00	\$ 750.00
202.0100	EARTH EXCAVATION	450	CY	\$ 10.00	\$ 4,500.00
204.0100	TRIMMING AND FINE GRADING - (700' * 16')/9	1,300	SY	\$ 3.00	\$ 3,900.00
206.0201	BALED HAY EROSION CHECK STD 9.1.0	700	LF	\$ 4.00	\$ 2,800.00
302.0100	GRAVEL BORROW SUBBASE COURSE	300	CY	\$ 20.00	\$ 6,000.00
401.0200	BITUMINOUS SURFACE COURSE TYPE I-1	120	TON	\$ 100.00	\$ 12,000.00
401.0300	BITUMINOUS SURFACE COURSE TYPE I-2	120	TON	\$ 100.00	\$ 12,000.00
403.0300	ASPHALT EMULSION TACK COAT	950	SY	\$ 0.30	\$ 285.00
931.0110	CLEANING AND SWEEPING PAVEMENT	10	HSY	\$ 10.00	\$ 100.00
934.1000	SURVEY PARTY	10	PDAY	\$ 800.00	\$ 8,000.00
902.9901	SPLIT RAIL BICYCLE RAILING	500	LF	\$ 20.00	\$ 10,000.00
L01.0102	LOAM BORROW 4 INCHES DEEP	350	SY	\$ 5.00	\$ 1,750.00
L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	350	SY	\$ 3.00	\$ 1,050.00
T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS - ASSUME	25	SF	\$ 150.00	\$ 3,750.00
T20.2016	6 INCH EPOXY RESIN PAVMENT MARKINGS YELLOW	700	LF	\$ 0.50	\$ 350.00
				<b>Subtotal \$</b>	<b>72,485.00</b>
INCIDENTAL CONSTRUCTION COSTS AND SERVICES				30%	\$ 21,745.50
				<b>Subtotal \$</b>	<b>94,230.50</b>
LANDSCAPE				10%	\$ 9,423.05
MOBILIZATION				5%	\$ 4,711.53
				<b>CONCEPTUAL CONSTRUCTION COST \$</b>	<b>108,365.08</b>



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Rhode Island Department of Transportation  
ENVIRONMENTAL & INTERMODAL PLANNING  
Two Capitol Hill, Providence, RI 02903-1124  
ENVIRONMENTAL PHONE (401) 222-2023  
INTERMODAL PHONE (401) 222-4203  
FAX (401) 222-2207 IDD (401) 222-4971

December 7, 2005

Mr. Stephen A. Alfred  
Town Manager  
180 High Street  
Wakefield, RI 02879

Re: URI/South County Bike Path Connector  
Alternative 4 Cost Estimates  
Potter Farm Development to South County Bike Path

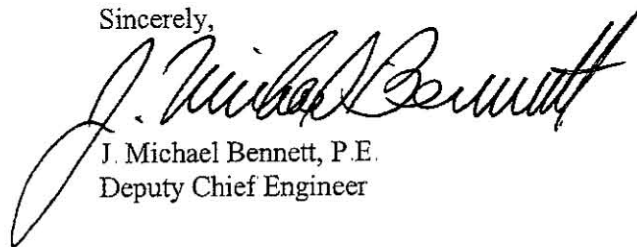
Dear Mr. Alfred:

At the Town's request, we are submitting a conceptual cost estimate prepared by our consultant, for a portion of Alternative 4 as outlined in the Alternative 4 Analysis Report dated March 2005.

In order so that we may bring some closure to the planning phase of this project, we would request that the Town arrive at a conclusion in selecting a preferred alignment, or portion of one. In consultation with the Town, we have attended a total of three public workshops (May & October 2004, and October 2005) to discuss the various alignments the Town has requested be examined for the project.

We will then direct the consultant to finalize the report, incorporating the preferences of the Town on a project alignment and final design.

Sincerely,



J. Michael Bennett, P.E.  
Deputy Chief Engineer

Enclosures  
C/ S. Devine, S. Church, w/out enclosures

Newspaper: The Providence Journal  
Date: 1/24/06  
Page: C1 (South County)

# Town plans bike path extensions

BY KATIE MULVANEY  
JOURNAL STAFF WRITER

**SOUTH KINGSTOWN** — The Town Council last night agreed to urge the state to pursue four new links to the South County bike path that would connect neighborhoods to the popular trail.

## **SOUTH KINGSTOWN**

The council unanimously passed a resolution directing the state Department of Transportation to proceed

with a spur that would run along the fringe of Peckham Farm. The connector would probably skirt the eastern or western edge of the property in order to protect the agricultural lands, said Town Manager Stephen Alfred.

The town is requesting that the state also investigate the feasibility of linking the trail with West Kingston Elementary School. The work, which would be done in collaboration with the University of Rhode Island, would be paid for with federal money earmarked for the upgrade of Route 138, Alfred said.

Those road improvements, which include building three rotaries along the busy thoroughfare, are not expected to get under way for at least three years, Alfred said.

The town is also seeking to run connections from the bike path through Potter Farm and Kingston Woods, under easements granted when those subdivisions originally won town approval, and along South Road up to Route 138. And finally, the council hopes to work with the South Kingstown Land Trust to link the path with the Tefft Historical Park, Alfred said. That spur could be probably be completed

## Path

*Continued from Page C1*

without the DOT and has also received at least partial funding, he said.

Town Council member Cynthia Gleason praised that leg, in particular, because it would allow Biscuit City neighborhoods to access the path.

"One of the keys to the South County bike path is to allow it

to grow in this community," Alfred said.

The town will contact the state Department of Environmental Management about the likelihood that wetland permits could be secured to allow a bike path corridor to run from Ledgewood Road to the graduate village at URI.

[kmulvane@projo.com](mailto:kmulvane@projo.com) / (401) 277-7417

SEE PATH, C6





# Town of South Kingstown, Rhode Island

## OFFICE OF TOWN MANAGER

180 High Street  
Wakefield, RI 02879

January 25, 2006

Stephen A. Alfred  
Town Manager

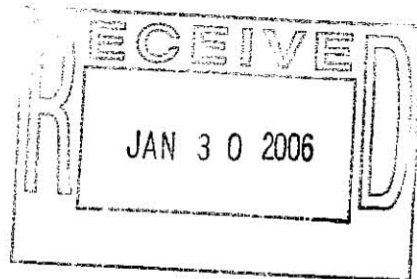
Tel. 401-789-9331  
Fax. 401-789-5280

Rhode Island Dept. of Transportation  
ENVIRONMENTAL & INTERMODAL PLANNING  
Two Capitol Hill  
Providence, RI 02903-2023

Attn: J. Michael Bennett, P.E.  
Deputy Chief Engineer

Re: URI / South County Bike Path Connector

Dear Mr. Bennett,



The Town has completed a comprehensive review of the URI / South County Bike Path Connector alternatives provided by your consultant VHB, Inc. Staff has developed additional bike path corridors for consideration that we believe will enhance connectivity between URI and the community. At its regular session held on January 23, 2006 the Town Council directed that a communication be forwarded to your office requesting that DOT proceed with the following:

- Design and construction of South County Bike Path / URI Connector Spur #1 (Peckham Farm) including an investigation of the feasibility of a bike spur to connect Spur #1 with the West Kingston Elementary School and research into the feasibility of locating Spur #1 along the western edge of the Peckham Farm property. The investigation should be coordinated with URI staff to ensure a design compatible with future land use development for the property.
- Design and construction of Spur #2 between the South County Bike Path and South Road
- Investigate the feasibility of developing Spur #3 from Mountain Laurel Rd. to Rt. 138 with a Rt. 138 crossing to connect the spur to the URI campus.
- Work with the South Kingstown Land Trust in development of Spur #4 to provide a connection between the South County Bike Path and Tefft Historical Park
- Contact DEM to determine the likelihood of obtaining the necessary permits required to install a bike path connecting Ledgewood Road to the URI Graduate Village.

Enclosed please find Principal Planner Nickerson's related memorandum, dated December 2, 2005 along with a recommended connections plan, dated December 1, 2005 as revised 1-23-06.

The Town looks forward to working closely with DOT and the University of Rhode Island in successful design and construction of a South County Bike Path / URI Connector network that will meet the needs of the university community and our residents.

If you have any questions please feel free to contact this office at 789-9331, ext. 201.

Encl

Sincerely,

A handwritten signature in black ink, appearing to read "S. Alfred", written over the word "Sincerely,".

Stephen A. Alfred  
Town Manager

cc     V. Murray, Dir. Of Planning  
       A. Nota, Park & Rec. Dir.  
       R. Nickerson, Principal Planner  
       J. Sidio, URI – Dir. Of Facilities Services  
       File

# PLANNING DEPARTMENT MEMO

**TO:** Stephen A. Alfred, Town Manager  
**FROM:** Raymond T. Nickerson, Principal Planner *RN*  
**DATE:** December 2, 2005  
**RE:** South County Bike Path / URI Connector

---

Recent discussion with Rhode Island Department of Transportation (DOT) staff indicates that the agency requests the Town provide specific recommendations to the State regarding preference for the URI / South County Bike Path Connector(s). The following is forwarded for consideration and to assist in the decision making process.

## ***Background***

The Town of South Kingstown initially requested that design funds for a URI bikeway system be included in the 1998-2000 Transportation Improvement Program (TIP). The proposed design would include a bikepath network that would connect the URI campus with Kingston Train Station, Peckham Farm and South Road. Funding under that TIP cycle did not include the URI bikeway system design.

In 1999 the Town requested funding for study and design of a URI bike path connector under the TEA-21 Transportation Enhancement Program. Funding was approved as part of the Rt. 138 reconstruction project. Subsequently, BETA Engineering (DOT consultant) performed a feasibility study that identified a preferred URI / South County Bike Path connector. The selected conceptual route at that time would connect the Curtis Corner Middle School playfields; two proposed residential subdivisions; Potter Wood; Biscuit City Rd.; Ledgewood Rd.; and the University Village Apts. That preferred corridor is very similar to Alt. 4 developed by VHB, Inc. and discussed below.

Construction funds for the URI bicycle path spur were requested under the 2001-2002 TIP as a CMAQ project. Funding was approved for additional study and development. DOT contracted with VHB, Inc. to perform a more detailed investigation to identify and assess URI / South County Bike Path connector options. Results of the study are found in the document titled Bike Path Alternative Analysis: URI / South County Bike Path Connector, dated February 2, 2004. The analysis identified four (4) potential corridor options to connect URI with the bike path: Alt. 1 – Route 138; Alt. 2 – Plains Road; Alt. 3 – Peckham Farm; and, Alt. 4 – Potter Wood (see enclosed map and matrix).

A public informational hearing was held with DOT on August 25, 2004. The hearing purpose was to review the above noted VHB, Inc. report. At the public hearing representatives of the Kingston Improvement Association (KIA) expressed opposition to allowing the bike path to traverse through Potter Wood. Given the KIA position, it is unlikely that construction of the proposed Alt. 4 would be feasible. It was agreed that DOT and its consultant would perform an analysis identifying other URI connector routes as alternatives to the Potter Wood (Alt. 4) option.



VHB, Inc. completed the additional analysis and prepared the document titled Bike Path Alternative 4 Analysis, dated March 7, 2005. The study identified the original route (Alt. 4) and three options that do not incorporate Potter Wood in the design (see enclosed map and matrix). Those three options being: #4B – Biscuit City Rd.; #4C – Helme Rd.; and, #4D – Francis Horn Dr. A joint work session with the Narragansett Town Council and DOT was held on October 5, 2005. At that time DOT presented the Alt. 4 alternative analysis report. DOT requested that the Town review materials presented and forward an official position {i.e. preferred URI connector path(s)} to DOT.

Staff has reviewed the two VHB, Inc. analysis reports and performed field reconnaissance of identified bike path corridor options. Based on that review and research the following discussion is forwarded.

### ***Alternative #1 - #4 Corridor Assessment***

#### **Alt. #1 – Route 138**

The majority of the 2.1 mile long corridor is a shared use path (bikes, cars, trucks, buses) along Rt. 138. As such, an obvious concern would be the safety of the bikers. This option has a connectivity limited to Kingston Station and URI with minimal benefit to developed South Kingstown residential areas, recreational sites and/or points of interest.

***Recommend:*** No further consideration be given to this alternative.

#### **Alt. #2 – Plains Road**

This path also has a connectivity limited to Kingston Station and URI with no connection to South Kingstown residential /recreational areas or other points of interest. Construction of a significant bridge structure (200' +/- wide) would be required to cross the Chipuxet River. Therefore, required environmental permit procurement and cost are noteworthy obstacles to development.

***Recommend:*** No further consideration be given to this alternative.

#### **Alt. #3 – Peckham Farm**

This alternative would connect the Kingston Station / South County Bike Path to URI via Peckham Farm with just one roadway crossing required. Provides moderate connectivity at a cost lower than Alt. 1, 2 & 4. Minimum impact to residences anticipated. This alternative would provide a feasible connection to the lower URI campus.



Peckham Farm

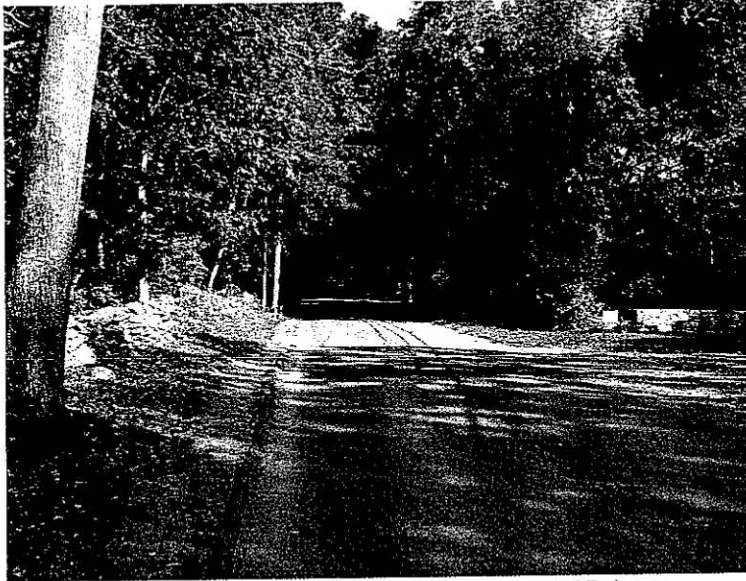
***Recommend:*** Request RIDOT develop construction drawings for this option.

#### **Alt. #4 – Potter Wood**

This alternative provides the greatest connectivity between URI and South Kingstown neighborhoods & recreational facilities. However, reluctance from Potter Wood property owners to allow the path to traverse that property realistically deems this alternative not feasible. Also, the section of corridor between Biscuit City Rd. and URI includes a significant wetland crossing that might not receive needed RIDEM wetland permit approval. However, the South County Bike path to South Rd. portion provides a potential high connectivity between URI and South Kingstown residential and recreational areas. The Town has secured easements within the new 'Kingston Woods' and 'Potters Farm' residential subdivisions that require no right-of-way acquisitions.



'Kingston Woods' bike path easement



South Rd (looking north from Mountain Laurel Dr.)

**Recommend:** Request RIDOT develop construction drawings for that section of Alt. 4 from the South County Bike Path to South Rd. Also, that a feasibility assessment be performed regarding possible use of South Road (from Mountain Laurel Dr. to Rt. 138) as a Class III bike path. The assessment should also investigate the preferred means of providing a Rt. 138 crossing to access the URI campus.

#### **Alternative #4 Options Assessment**

(NOTE: Alternatives #4A – #4D maintain the same route from the South County Bike Path to South Rd. As such the following assessments address that portion of the proposed corridor from South Rd. to URI.)

##### **Alt. #4A – Potter Wood / Biscuit City Rd.**

This option is basically the same as the original Alt. 4 addressed above. Again, opposition by the Potter Wood property stewards render use of that parcel not feasible.

**Recommend:** No further consideration be given to this alternative.

##### **Alt. #4B – Biscuit City Rd.**

This alternative would utilize a South Rd. – Heritage Dr. – Enterprise Terrace – Stonehenge Rd. – Biscuit City Rd. corridor with use of an existing easement between Ventura Circle and Stonehenge Rd. Selection of this option is problematic from a political perspective. It is anticipated that residents within impacted neighborhoods (i.e. Heritage Dr., Enterprise Terrace) will have objections to use of the roads as a shared Class III bike path. Also, the present easement at Ventura Circle is vegetated and clear cutting for the bike path will be regarded by residents as



visual intrusion and a noteable change in character. Finally, the geometry and narrow roadway width of Biscuit City Rd. represents significant safety concerns if this road were to be used as a designated (shared) bike path.



Ventura Circle Easement



Heritage Dr. / Enterprise Ter. neighborhood

***Recommend:*** No further consideration be given to this alternative.

#### **Alt. #4C – Helme Road**

This option follows the same corridor as Alt. #4B up to the Helme Rd. / Biscuit City Rd. intersection. At that point the bike path would utilize Helme Rd. and Springdale Dr. as Class III bike paths. The corridor would involve wetland crossings between Helme Rd. – Springdale Dr.

and between Springdale Dr. - URI Grad Village. This option has the following drawbacks: wetland crossing/DEM permit issue; Biscuit City Rd. safety concerns (i.e. road width, geometry); Ventura Circle easement alteration; and, impacts to neighborhoods.

***Recommend:*** No further consideration be given to this alternative.

#### **Alt. #4D – Francis Horn Drive**

This option follows the corridor of Alt. #4B and #4C from South Rd. to the Stonehenge Rd. – Biscuit City Rd. intersection. From that point it continues along Stonehenge Rd. to Francis Horn Dr. At the terminus of Francis Horn Dr. the path crosses an extensive non-developed area (with some wetland crossing required) to then connect with Springdale Dr. and follow the same corridor as Alt. #4B & #4C. This alternative presents similar concerns as noted in the other Alt. 4 options. Noteable being: impacts to neighborhoods; required wetland crossings; shared roadway use safety issues; and, difficult environmental permit procurement.

***Recommend:*** No further consideration be given to this alternative.

### ***Other Bike Spur Project Assessments***

#### **Ministerial Rd.**

The West Kingston El. School PTA requested enhancement funds under the 2006-07 TIP to design/construct a Class III bike spur along the east side of Ministerial Rd. (Rt. 110) to connect the school with the South County Bike Path. To date no project funding notification has been received from DOT. Use of Ministerial Rd. as a Class III path has the obvious safety concerns given traffic volumes. A possible solution would be construction of a spur between the school and the proposed Alt. #3 (Peckham Farm) Bike Path / URI Connector.

***Recommend:*** Request that DOT assess the feasibility of designing a connecting spur between West Kingston El. School and the proposed corridor (Alt. #3 – Peckham Farm) that connects the Bike Path to URI. The Town and DOT should coordinate with URI to ensure a bike spur design compatible with URI future land use development for the Peckham Farm property.

#### **Tefft Historical Park**

The South Kingstown Land Trust (SKLT) received enhancement funds under the 2003-04 TIP to have a spur designed that connects the Bike Path with the Tefft Historical Park. The SKLT is presently in the process of selecting a consultant to design the bike path spur. The proposed corridor is the Kingston Water District easement located between the Bike Path and Berry Hill Lane. This spur provides access to a major historical point of interest along the Bike Path and also connects neighborhoods to the north with the Park and South County Bike Path. Construction of this spur does not require land takings or wetland crossing/environmental issues. In addition, the safety issue associated with shared use is not applicable.



Tefft Historical Park bike spur easement

**Recommend:** *The Town should work closely with DOT and the South Kingstown Land Trust in development of the Tefft Historical Park / South County Bike Path Spur.*

### ***Conclusions / Recommendations***

The following conclusions / recommendations are forwarded.

- South County Bike Path / URI Connector Alternatives #1, #2 and #4 contain varying design features that represent significant issues of concern. Most noteworthy being: lack of meaningful connectivity to Town residential and recreational areas; difficulty in procuring required environmental permits for proposed wetland crossings; potential conflict between bikers and motor vehicles along shared use sections of the bike path. Given those concerns the subject alternatives are considered not to be realistically feasible.
- Alternatives #4A - #4D (that section between South Rd. to URI) include design aspects that may jeopardize the feasibility of construction. Specifically: potential neighborhood objections to use of residential roads as designated Class III bike paths; objections from residents concerning aesthetic changes to areas along the path way; safety concerns for a shared use corridor where roadway geometry limits safe travel; and, feasibility of obtaining needed environmental permits. These constraints render further development unfeasible for that segment of the alternatives between South Rd. and URI.
- That portion of Alternative #4, between the South County Bike Path and South Rd. provides optimum connectivity with no R.O.W, environmental, or significant safety issues. Possible development of a Class III bike path along South Rd. (between Mountain Laurel



Rd. and Rt. 138) would provide an uninterrupted bike spur between the South County Bike Path and URI.

- Alternative #3 provides a connector between the Bike Path and the URI lower campus. This option does not pose significant environmental, safety or land use conflict issues.
- Providing a spur between the Peckham Farm bike corridor and West Kingston El. School is a preferred option to designating Ministerial Rd. (between the Bike Path and school) as a Class III path. Staff has discussed this potential bike spur with Jerry Sidio, URI – Director of Facilities Services. He has indicated the bike spur may serve as an additional amenity to land use development options under consideration. The Town and DOT would work closely with URI to coordinate a design that ensures compatibility with URI land use development plans.
- Development of a bike spur between the South County Bike Path and Berry Hill Lane, within the Kingston Water District easement, will provide access from the Path to the Tefft Hill Historical Park and adjoining residential neighborhoods.

Based on the above review and assessment the Town should coordinate efforts with DOT and other stakeholders to develop the following bike spurs:

Spur	Identification	Length (l.f.)	Description
1	Peckham Farm	10,050	South County Bike Path to Rt. 138 through the Peckham Farm (7600 l.f.) with a spur connecting to the West Kingston El. School (2,450 l.f.)
2	Playfields	5,350	South County Bike Path to South Rd. via Curtis Corner Middle School property, Potter's Farm Subdivision easement and Kingston Woods Subdivision easement
3	South Road	3,300	Class III bike path along the easterly side of South Rd. from Mountain Laurel Dr. to Rt. 138 (roadway crossover to URI campus to be determined)
4	Tefft Historical Park	1,275	South County Bike Path to Berry Hill Rd. cul-de-sac via existing Kingston Water District easement

Staff would recommend the Town Council approve the following motion.

*"To forward a communication to the Department of Transportation requesting that they proceed with design and construction of South County Bike Path / URI Connector Spur #1 (Peckham Farm) including an investigation of the feasibility of a bike spur to connect Spur #1 with the West Kingston Elementary School. The investigation should be coordinated with URI staff to ensure a design compatible with future land use development for the property. Also, that DOT proceed with design and construction of Spur #2 between the South County Bike Path and South Road. Further, that DOT investigate the feasibility of developing Spur #3 from Mountain Laurel Rd. to Rt. 138 with a Rt. 138 crossing to connect the spur to the URI campus*

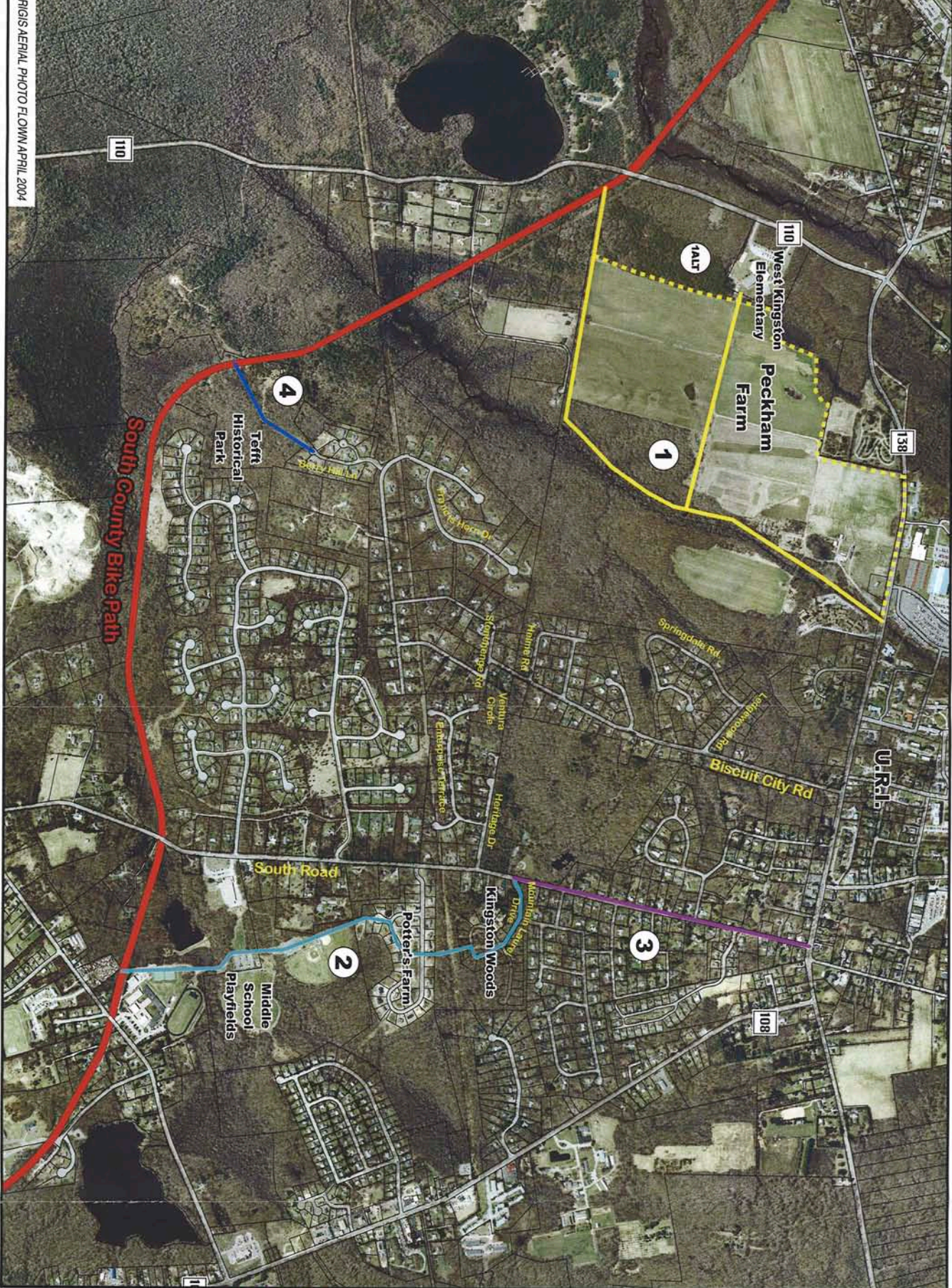
*Also, that DOT work with the South Kingstown Land Trust in development of Spur #4 to provide a connection between the South County Bike Path and Tefft Historical Park.. Said recommendations as detailed in the memorandum from Principal Planner Nickerson to the Town Manager, titled 'South County Bike Path / URI Connector', dated December 2, 2005 and as shown on plan titled 'South County Bike Path – URI Connector, Recommended Connections, December 1, 2005'.*

Your attention to these matters is appreciated.

Encl.

cc      V Murray, Dir. Of Planning  
         J Schock, Public Services Dir.  
         A Nota, Parks & Rec Dir  
         J Sidio, URI – Dir Of Facilities Services





1 inch equals 1,000 feet

# **SOUTH COUNTY BIKE PATH - URI CONNECTOR**

## **RECOMMENDED CONNECTIONS**

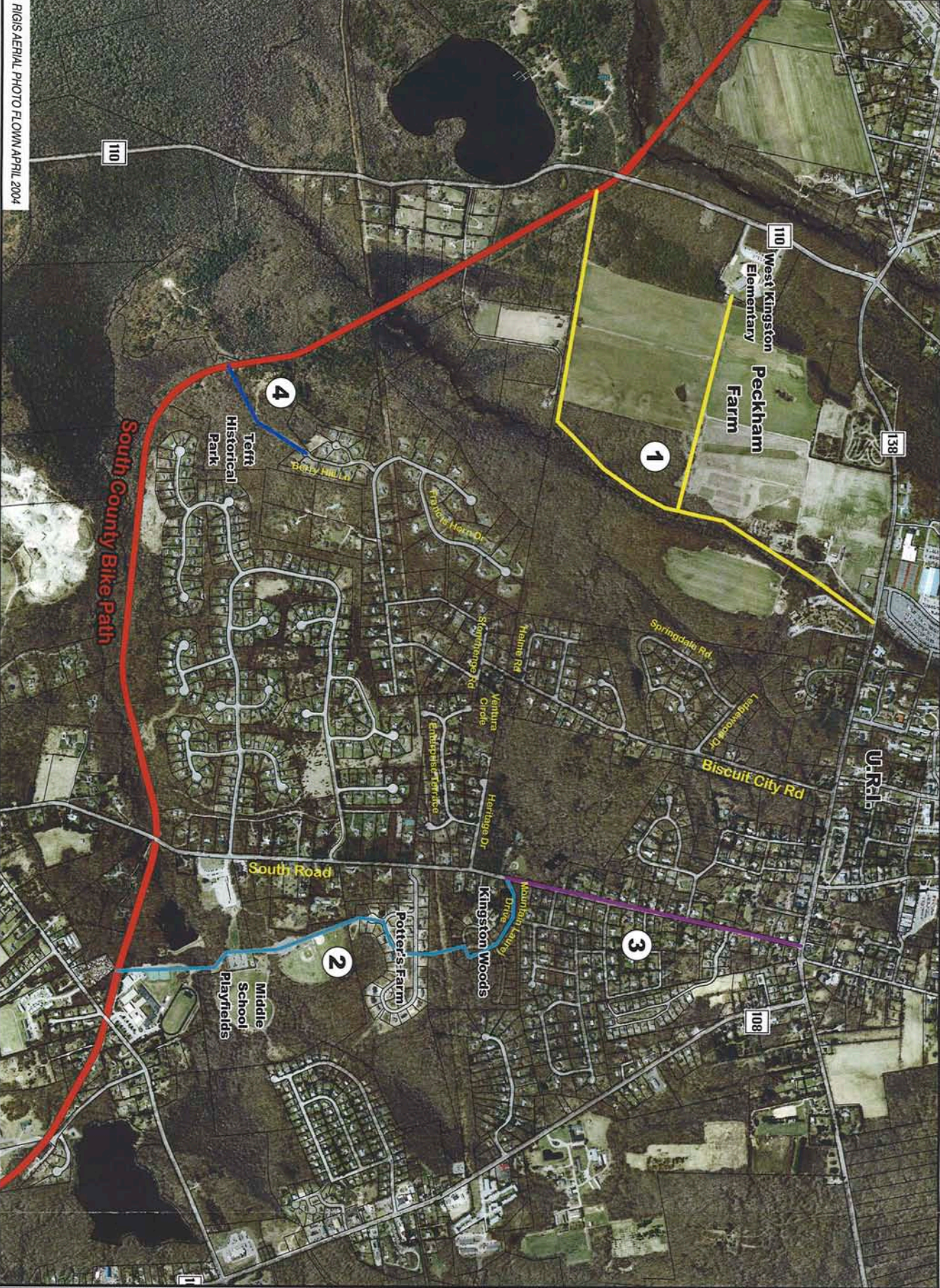
**DECEMBER 1, 2005  
(Rev. January 23, 2006)**

- SPURS**
- 1 - Peckham Farm
  - 2 - Playfields
  - 3 - South Road
  - 4 - Tefft Historical Park



Geographic  
Information  
System





1 inch equals 1,000 feet

# **SOUTH COUNTY BIKE PATH - URI CONNECTOR**

## **RECOMMENDED CONNECTIONS**

DECEMBER 1, 2005

### **SPURS**

- 1 - Peckham Farm
- 2 - Playfields
- 3 - South Road
- 4 - Telford Historical Park



Geographic  
Information  
System





STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Rhode Island Department of Transportation  
ENVIRONMENTAL & INTERMODAL PLANNING  
Two Capitol Hill, Providence, RI 02903-1124  
ENVIRONMENTAL PHONE (401) 222-2023  
INTERMODAL PHONE (401) 222-4203  
FAX (401) 222-2207 IDD (401) 222-4971

February 22, 2006

Mr. Stephen A. Alfred  
Town Manager  
180 High St.  
Wakefield, RI 02879

Re: URI/South County Bike Path Connector

Dear Mr. ~~Alfred~~: *Steve*

We have reviewed your January 25, 2006 comments relative to the South Kingstown Town Councils decision to proceed with design and construction of the alignments referred to as "Spur #1" and "Spur #2" in your letter. We will request our Highway Engineering Section commence with design of Spur # 1 and Spur #2, and include an investigation of the feasibility of a bike path spur to connect the Town's preferred alignment within the Peckham Farm property to the West Kingston Elementary School.

It seems that the Town is not supportive of Alternative 4 as shown at the Town Council Work Session on August 25, 2004. With that in mind, and knowing the level of engineering and biological detail which would need to be developed in order to get any kind of definitive answer from DEM regarding the probability of the issuance of a Freshwater Wetlands permit, we feel this effort would not be cost effective.

In regard to further investigation of developing Spur #3 from Mountain Laurel Road to Route 138 with a Route 138 crossing to provide a connection to the URI campus, please note that this request is beyond the scope of this Study and Development contract. The Spur #3 connection to Route 138 would require significant evaluation of design improvements to South Road. This type of engineering evaluation would require the submission of a project proposal to the Transportation Improvement Program (TIP)

Your request to provide a connection, referred to as "Spur #4," between the Tefft Historical Park and the South County Bike Path, is an existing project funded through our Transportation Enhancement Program. We are currently proceeding to enter into a project

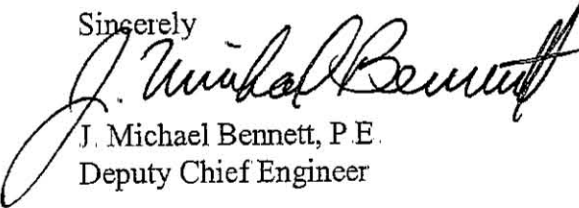
Page 2

agreement with the South Kingstown Land Trust (SKLT) to allow them to proceed with engineering services to further evaluate this potential connection.

Before we commence with any design work, as this is a Town sponsored project, and as the Town already maintains the South County Bike Path, we would request written confirmation that the Town will undertake all maintenance responsibilities.

Please contact me or Steven Church, Project Manager at 222-4203 ext. 4042 with any questions.

Sincerely

A handwritten signature in black ink, appearing to read "J. Michael Bennett". The signature is fluid and cursive, with a large initial "J" and a long, sweeping underline.

J. Michael Bennett, P.E.  
Deputy Chief Engineer

C/ E. Parker, K. Farhoumand, R. Smith, S. Devine, S. Church